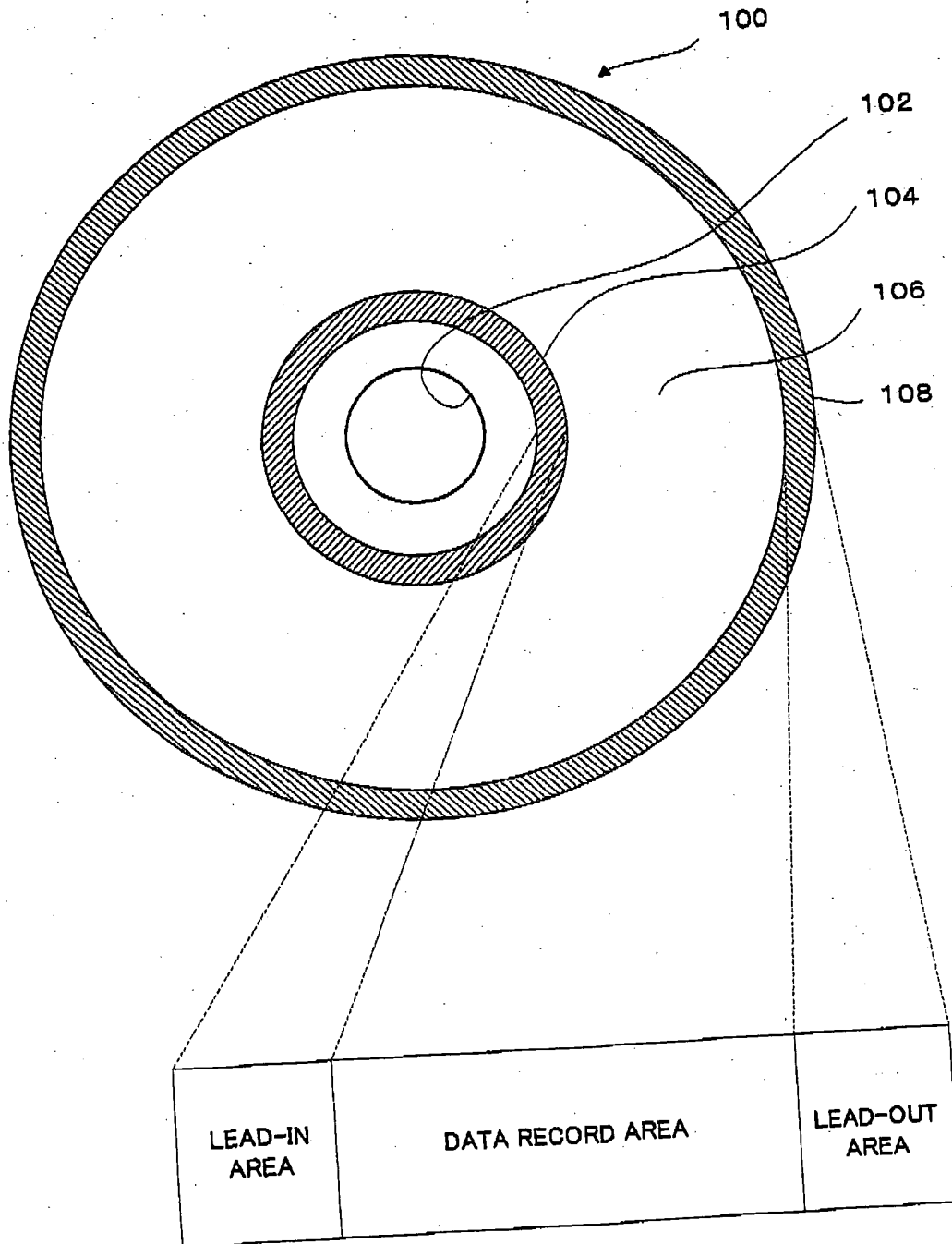


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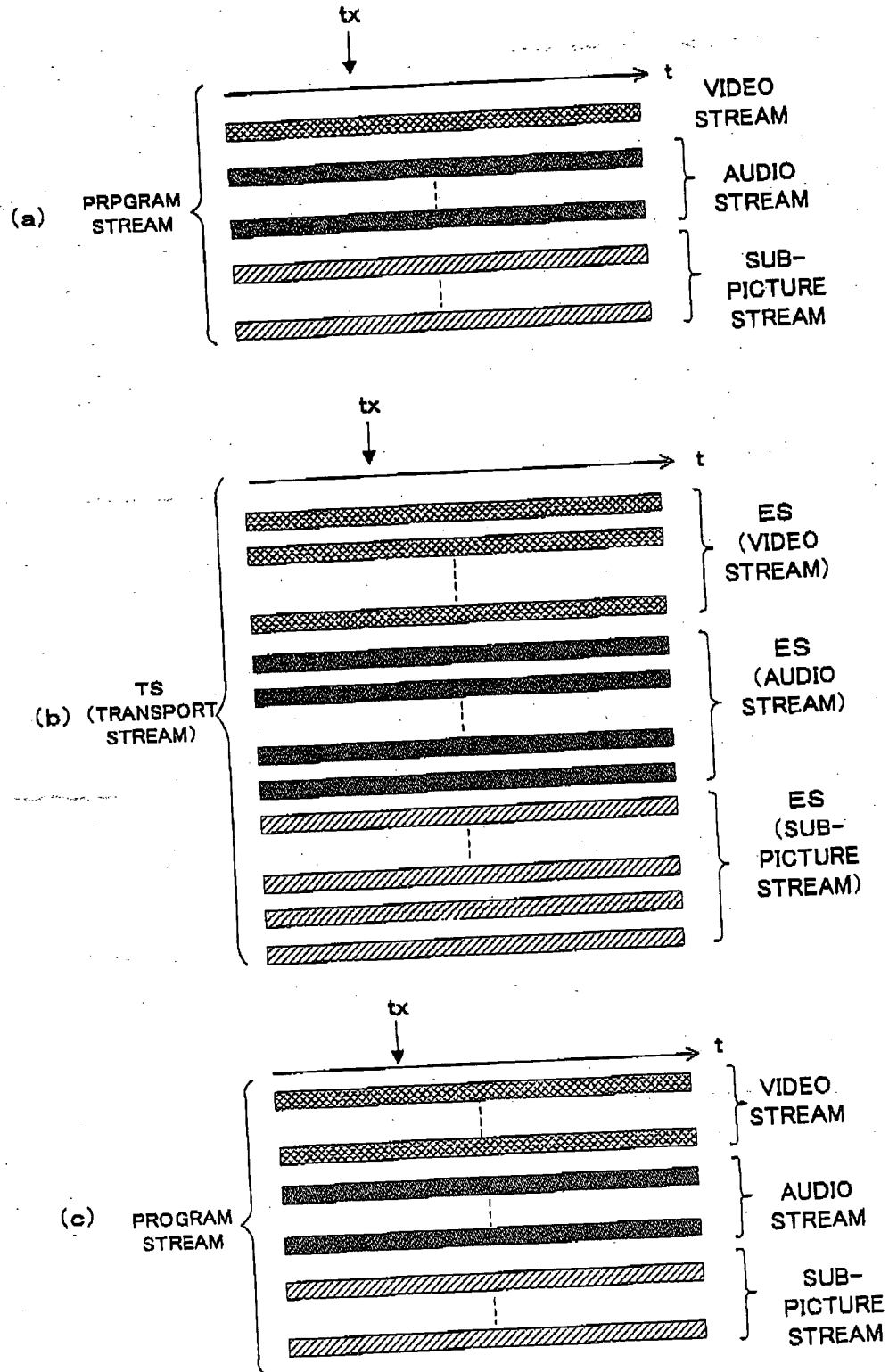
FIG. 1



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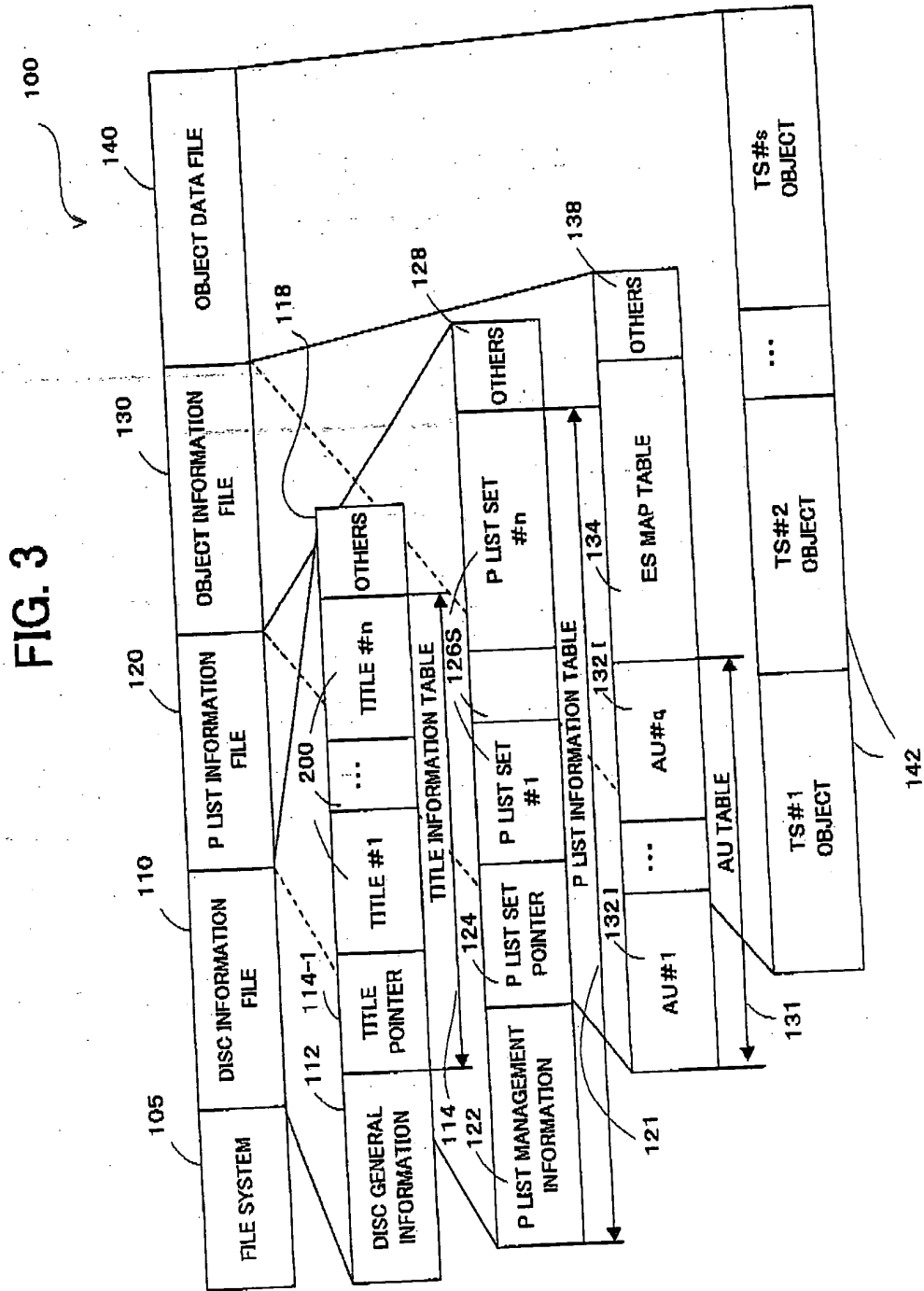
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FIG. 2



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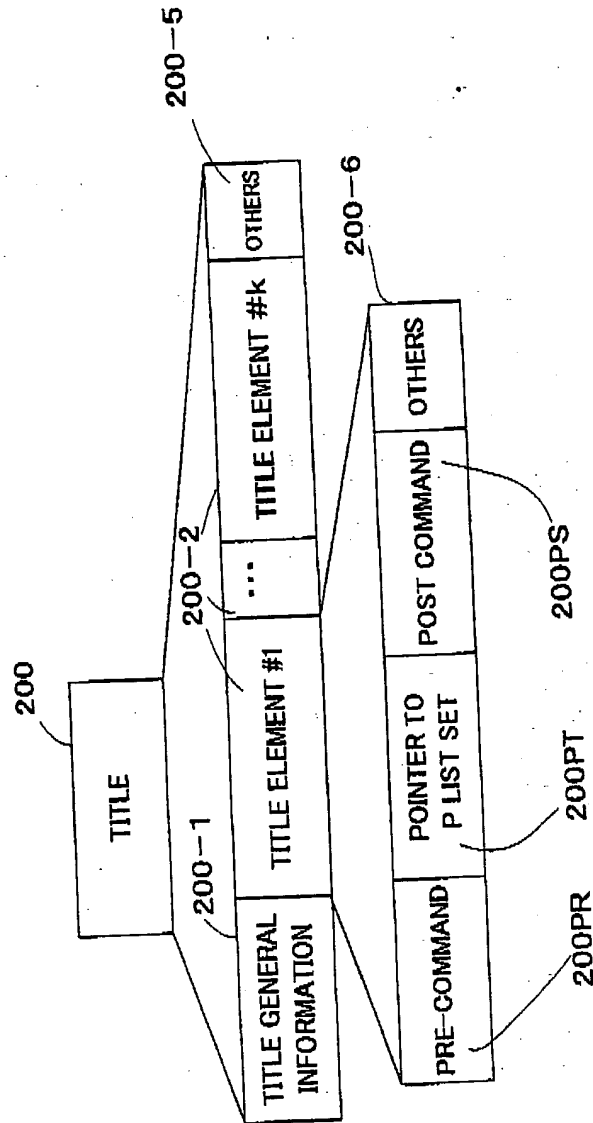
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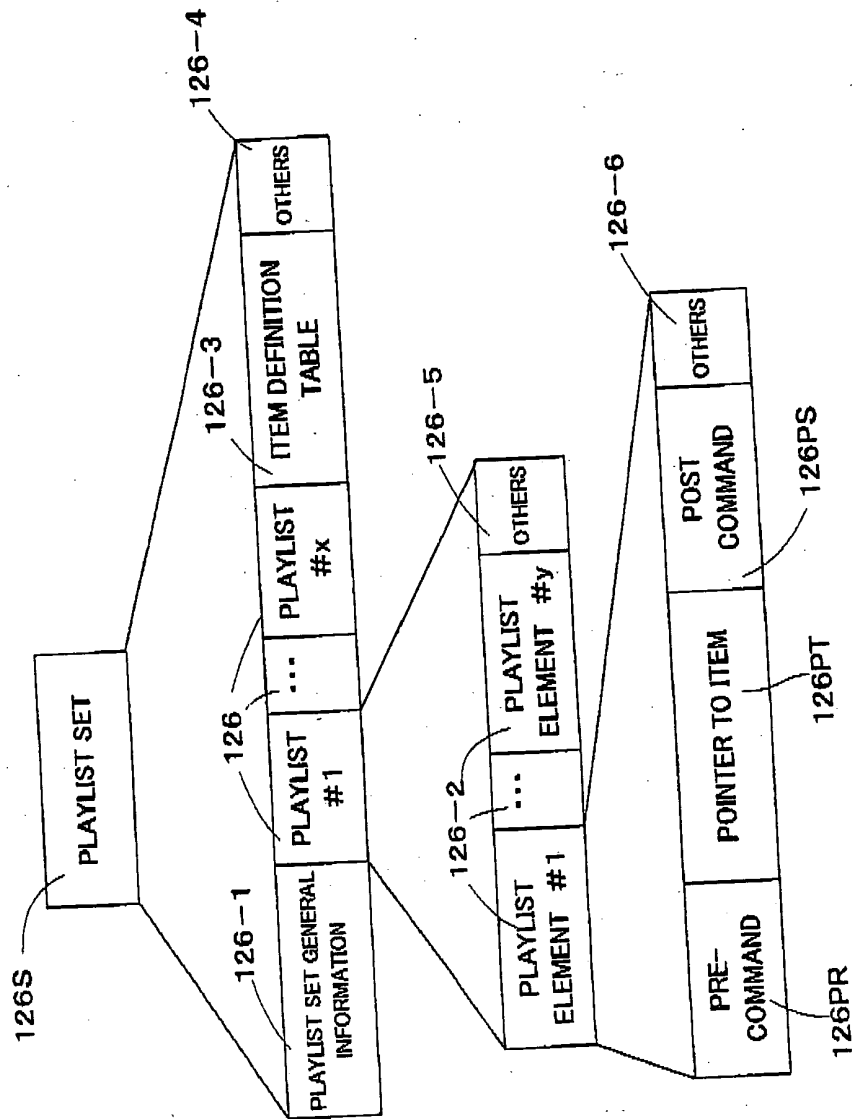
FIG. 4



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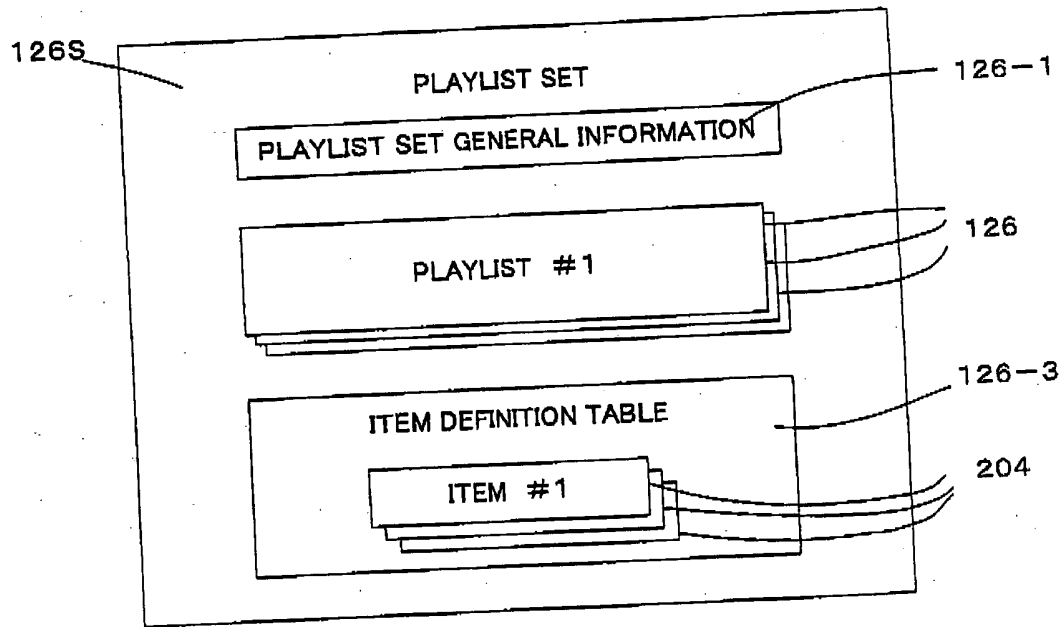
FIG. 5



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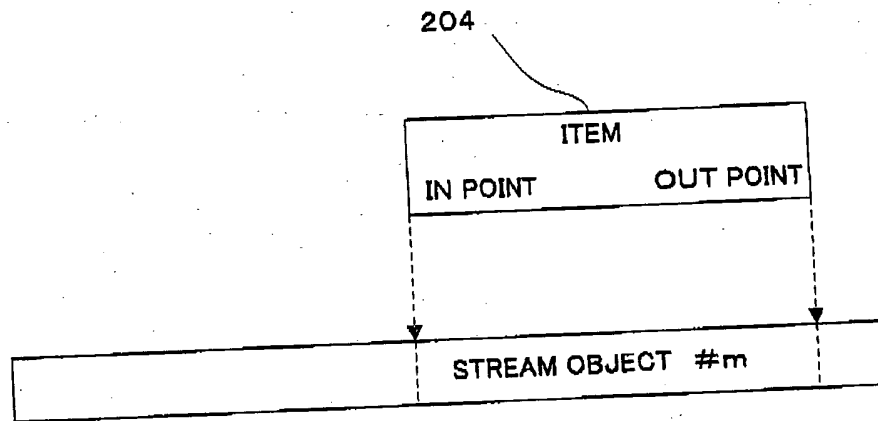
FIG. 6



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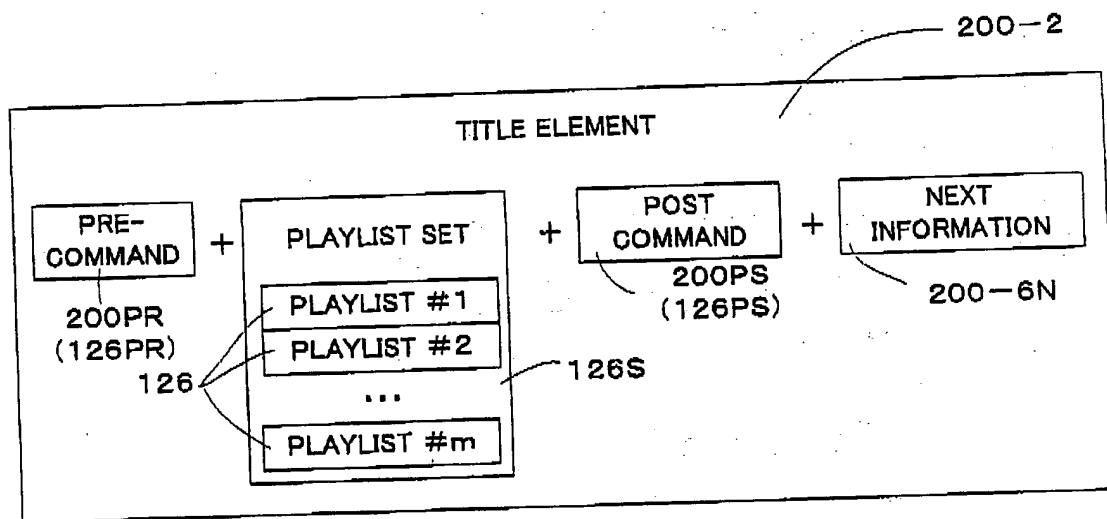
FIG. 7



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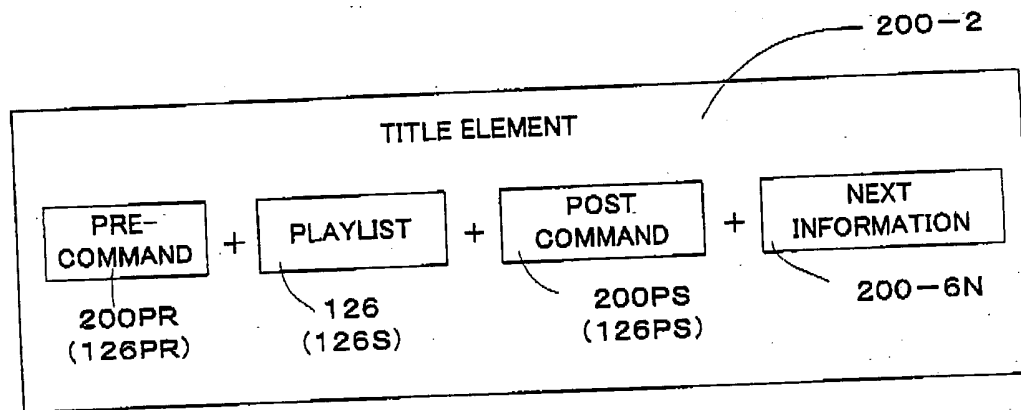
FIG. 8



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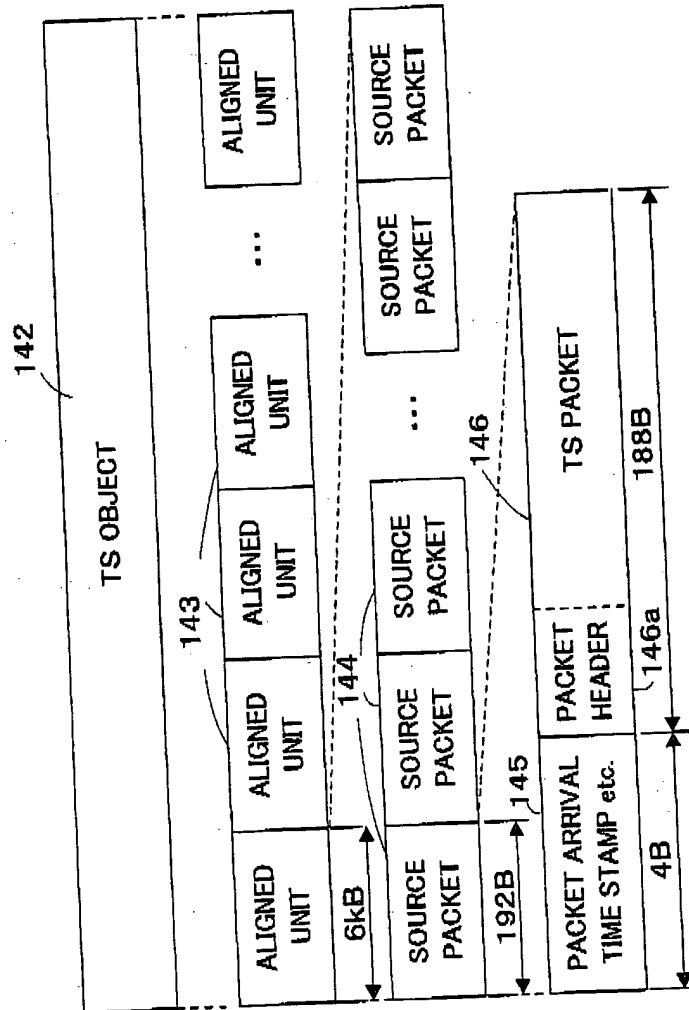
FIG. 9



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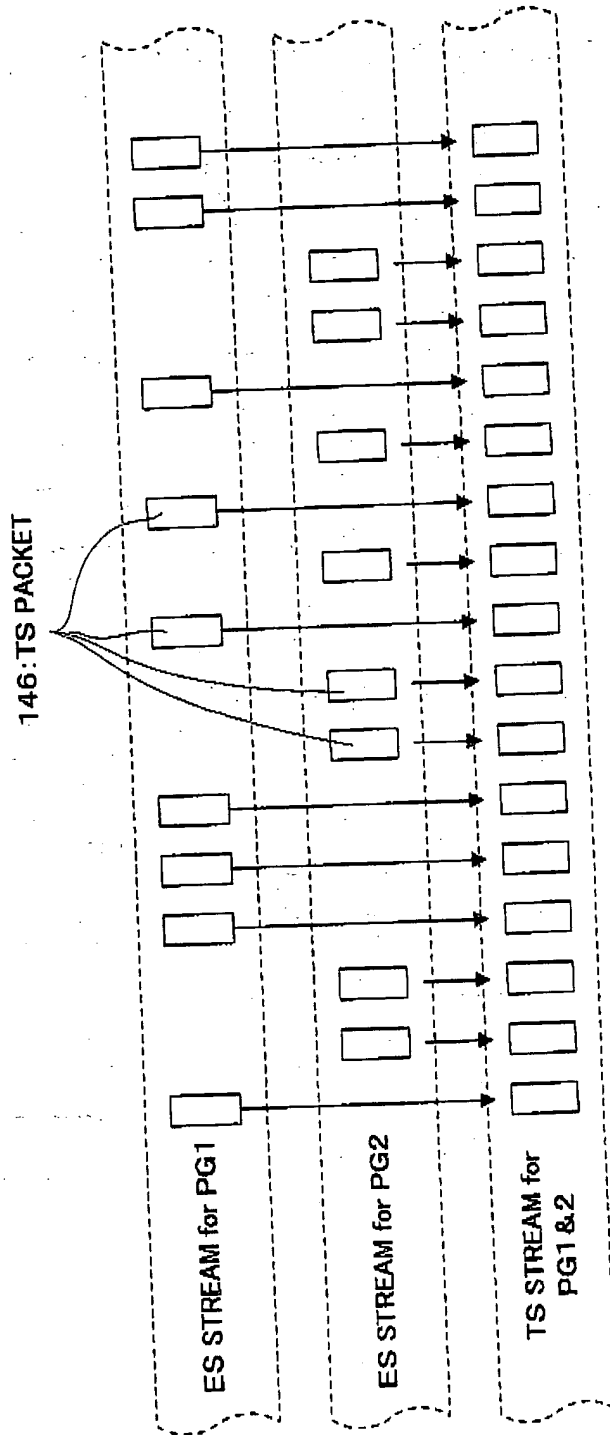
FIG. 10



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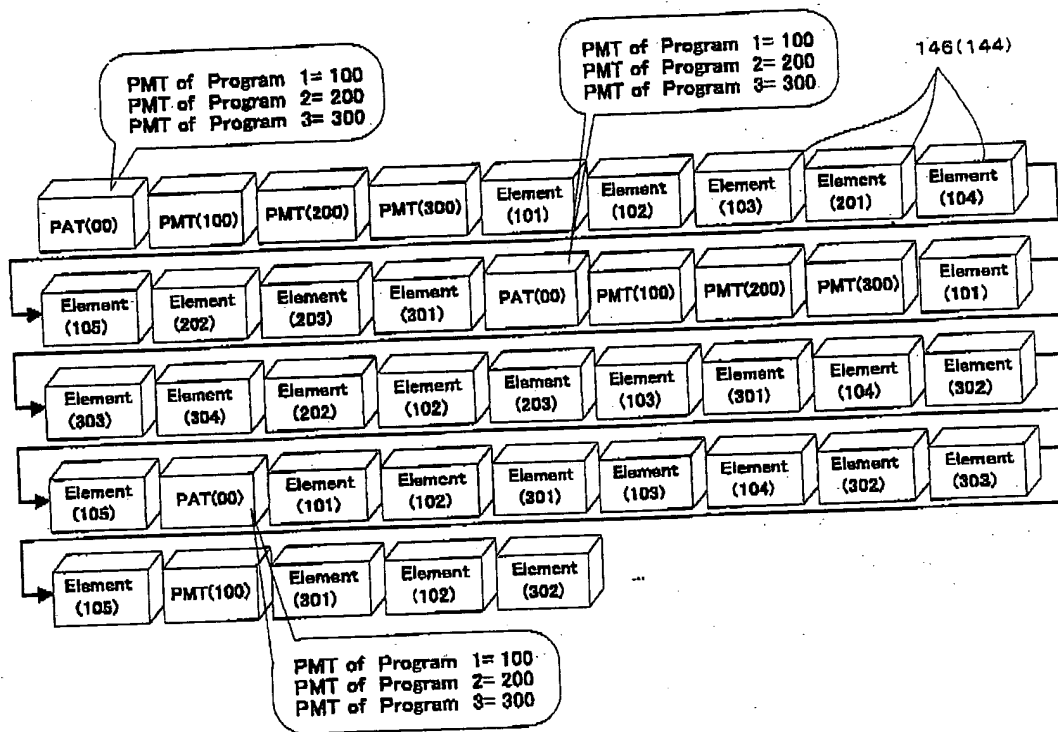
FIG. 11



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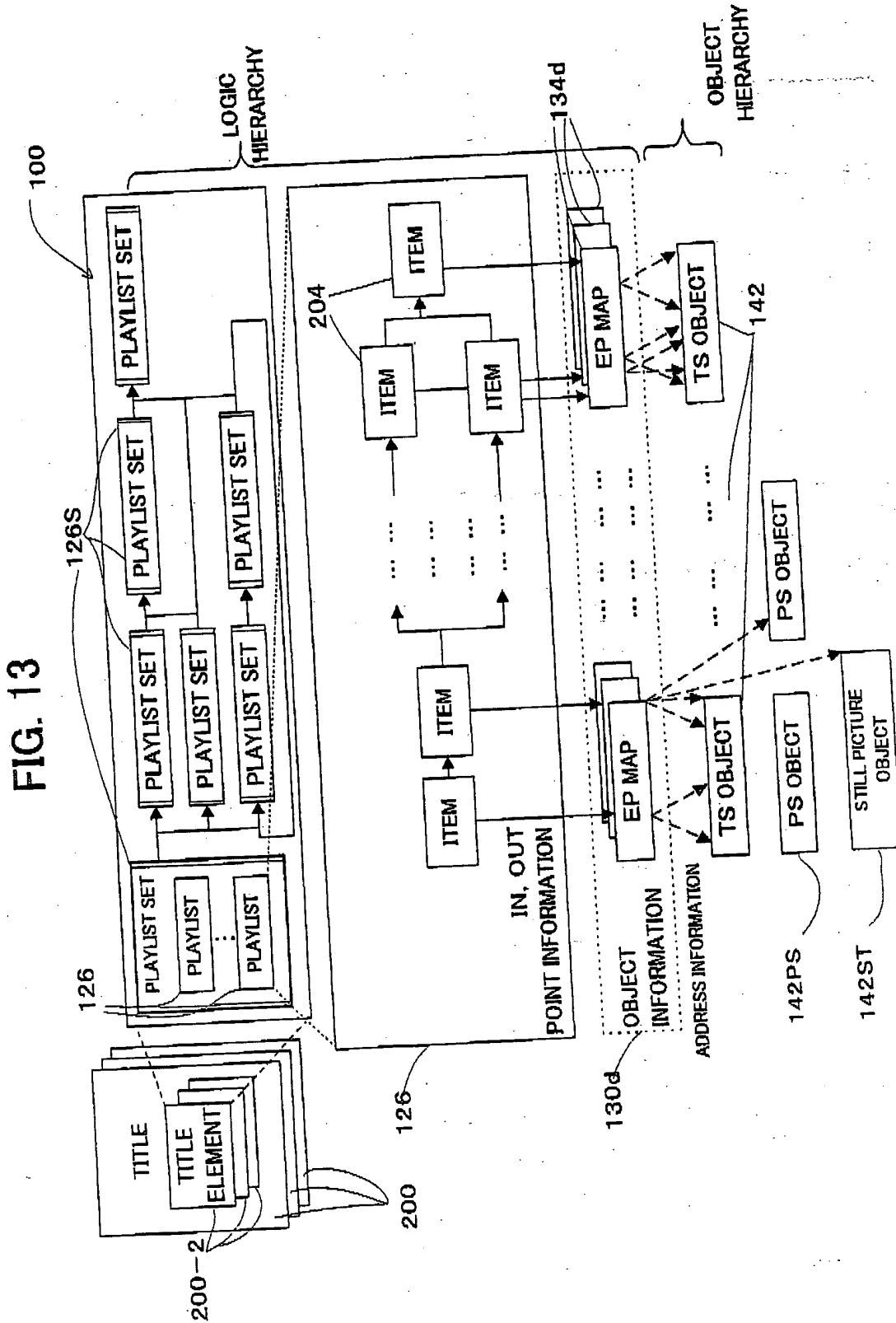
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FIG. 12



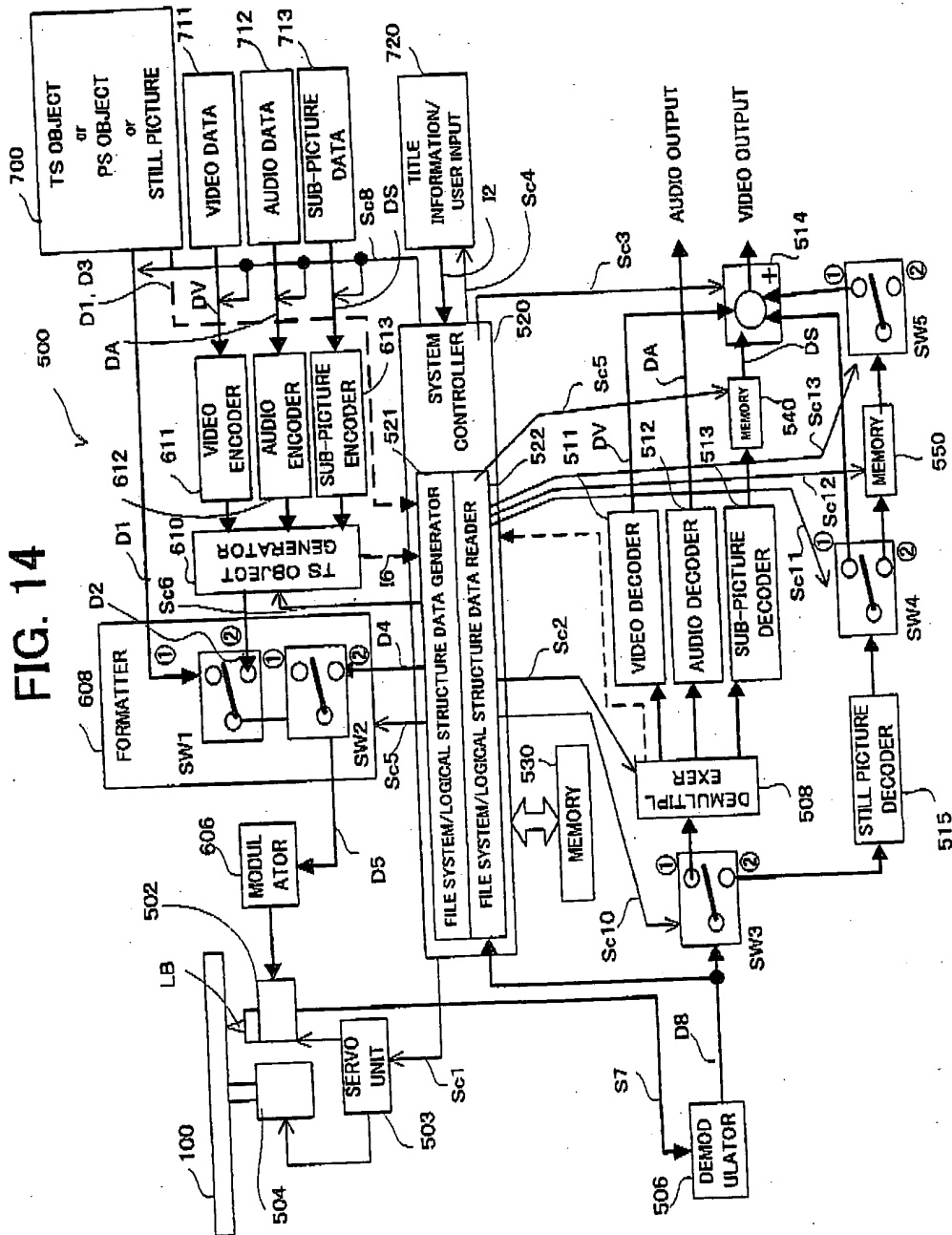
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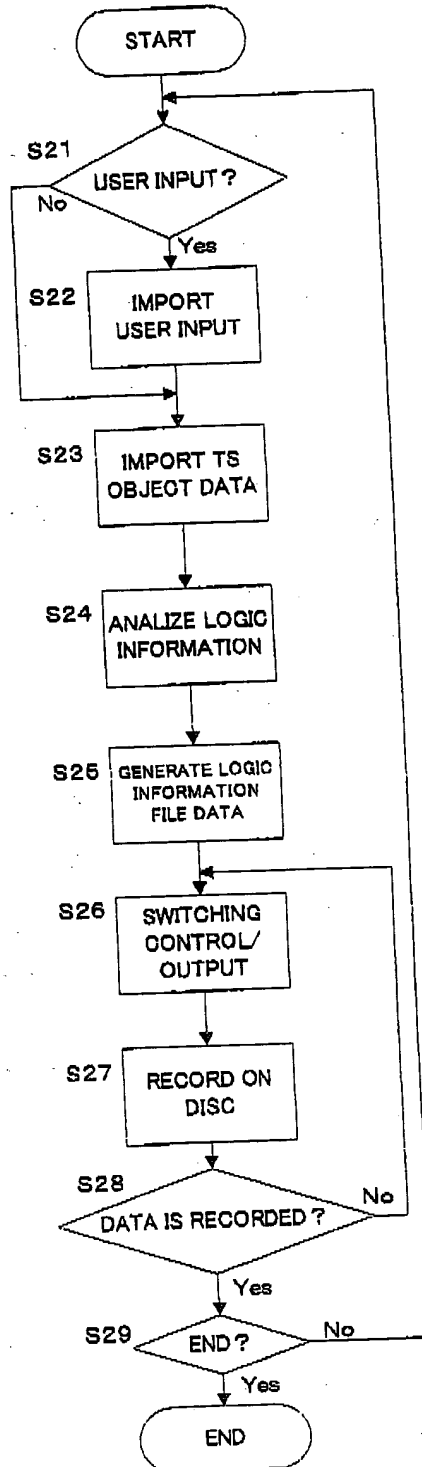
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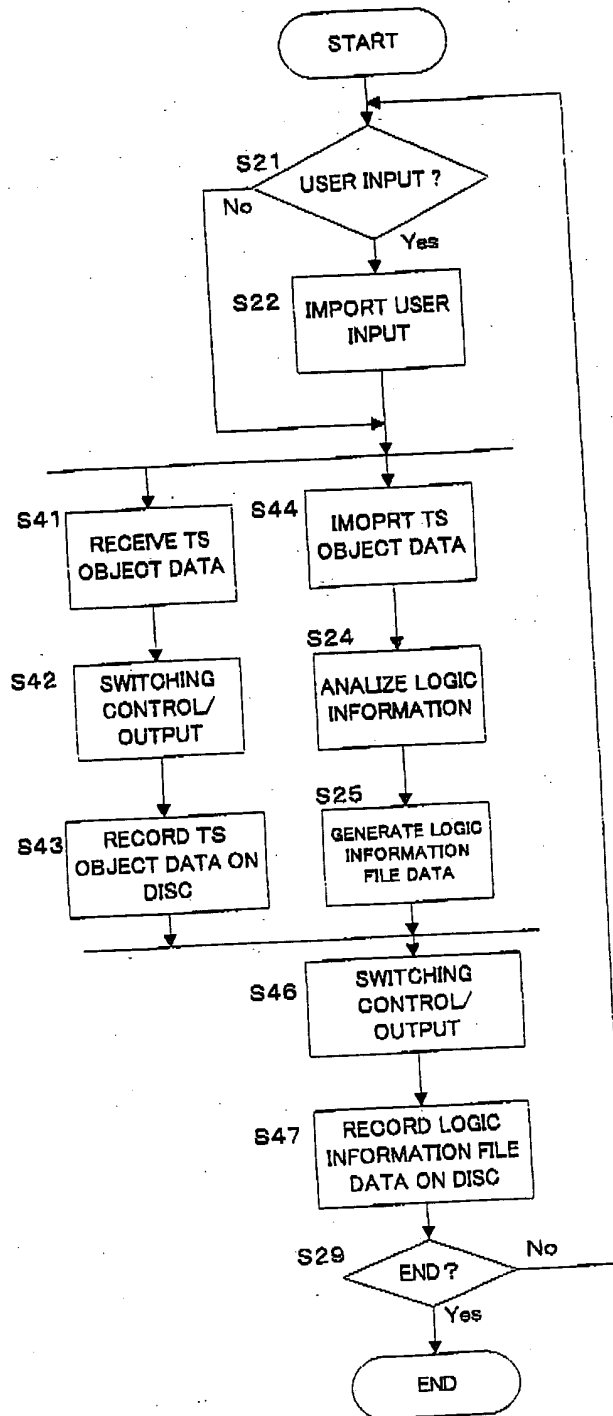
FIG. 15



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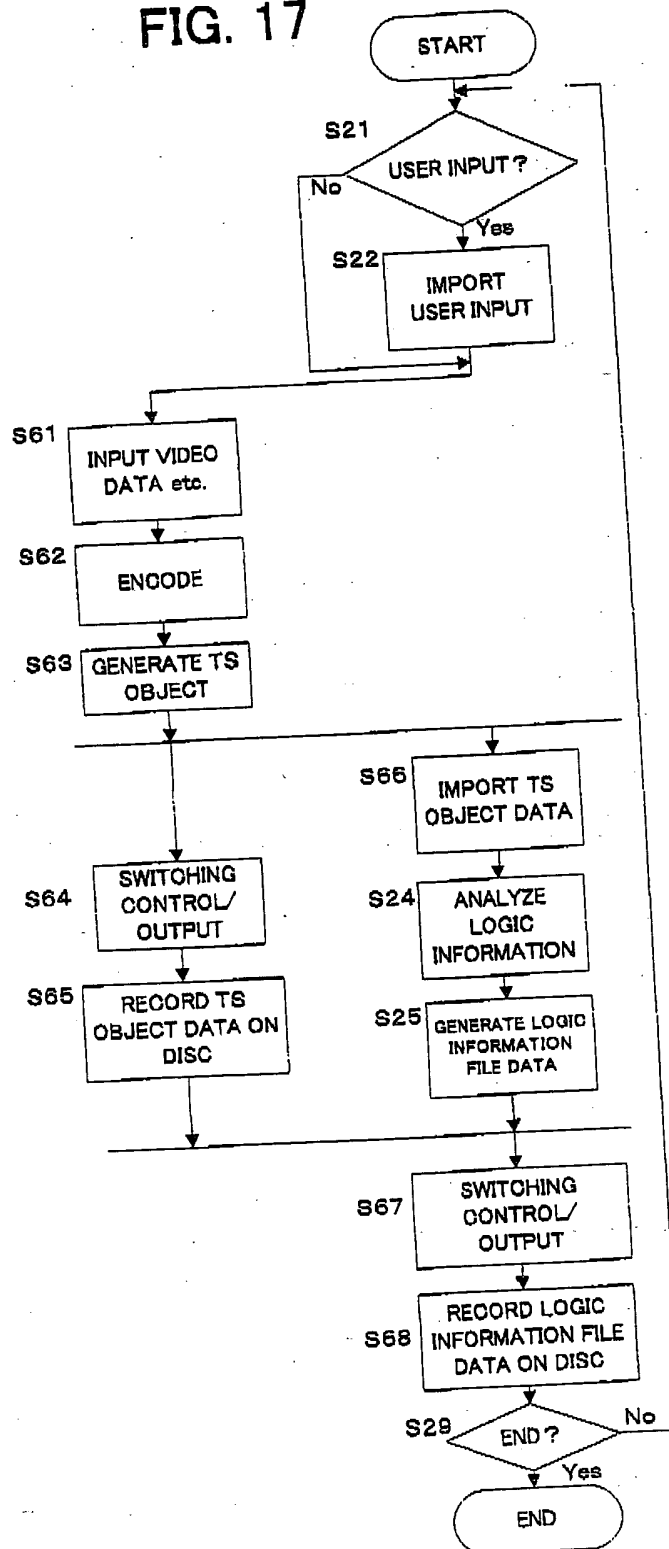
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FIG. 16



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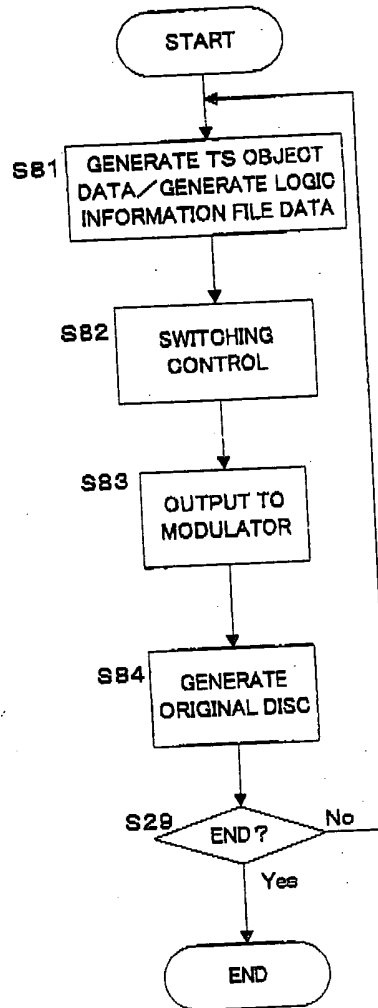
FIG. 17



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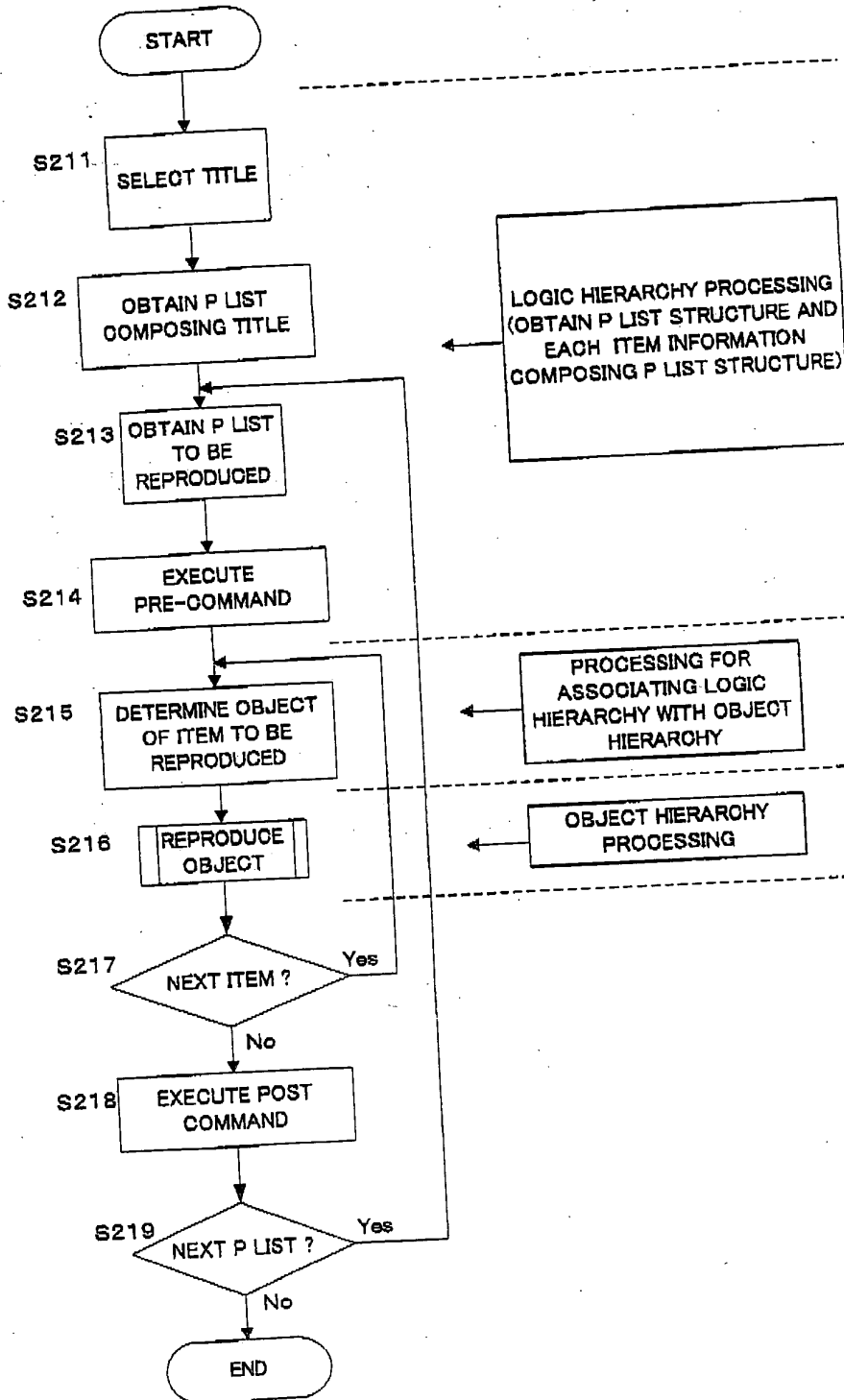
FIG. 18



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FIG. 19



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20(a)

7 2 1 : SP CONTROL INFORMATION

SCP HEADER	SP DATA IDENTIFIER
	SP DATA POSITION INFORMATION
	OTHER INFORMATION
SF CONTROL PARAMETER	SF DATA DISPLAY START TIME POINT
	SF DATA DISPLAY END TIME POINT
	OTHER INFORMATION (SCP BUTTON INFORMATION, HIGHLIGHT INFORMATION)

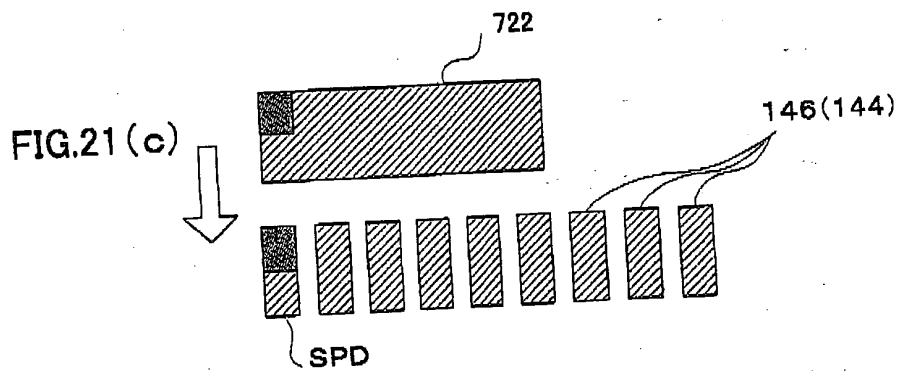
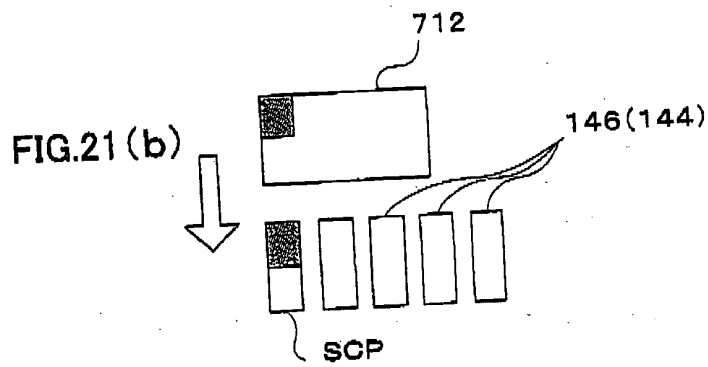
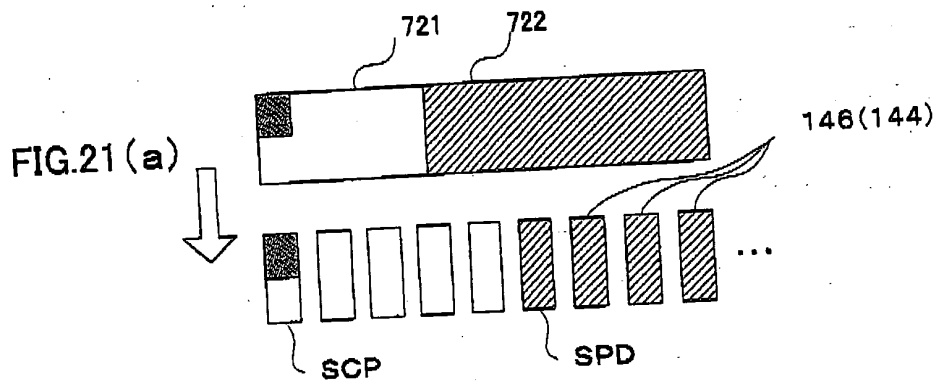
20(b)

7 2 2 : SP DATA STRUCTURE

STRUCTURE INFORMATION	SP DATA IDENTIFIER
	SP DATA LENGTH
	OTHER INFORMATION
SP DATA	IMAGE DATA (Bitmap, JPEG etc.)
	OTHER INFORMATION (SPD BUTTON INFORMATION, HIGHLIGHT INFORMATION)

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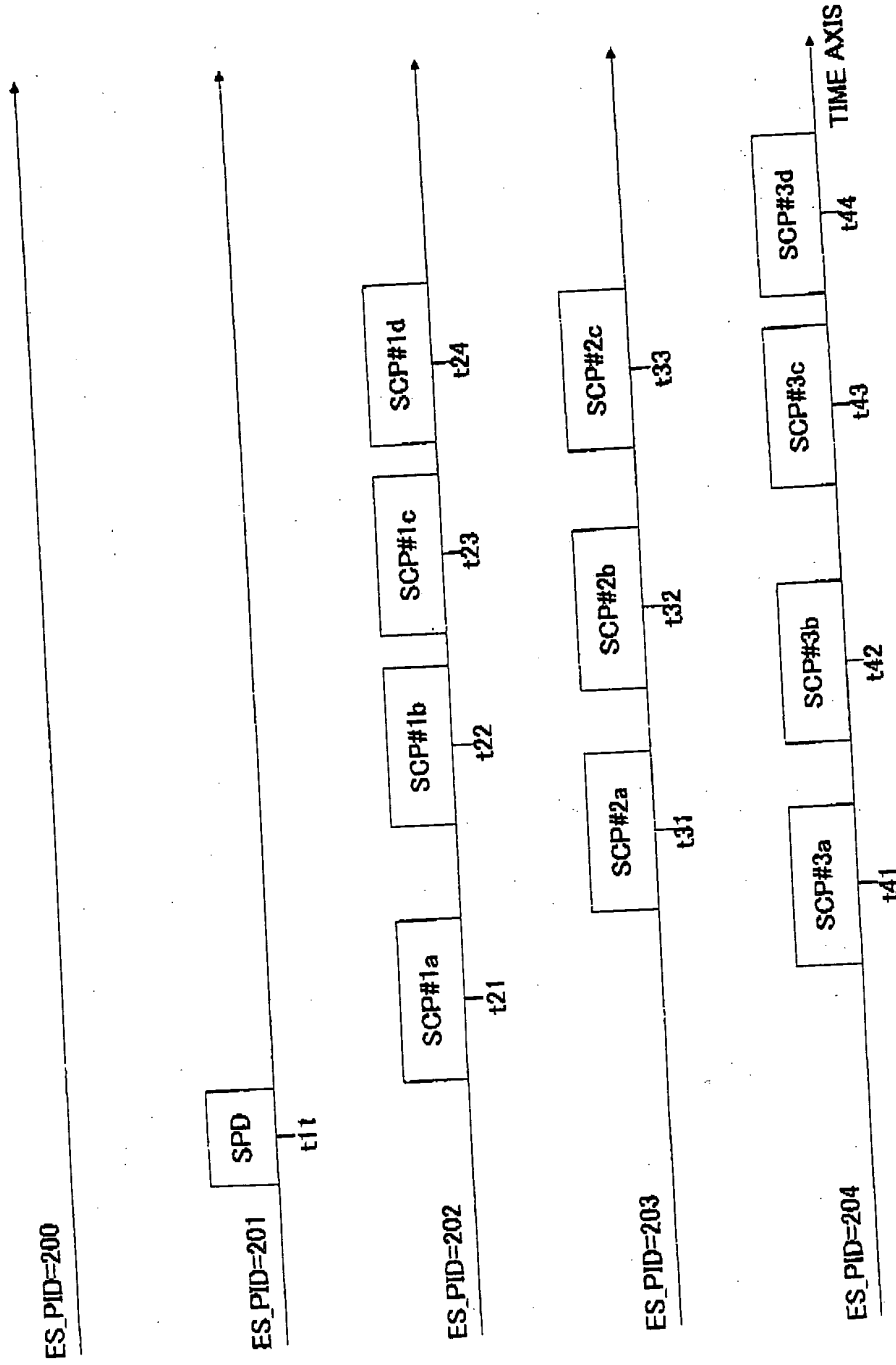
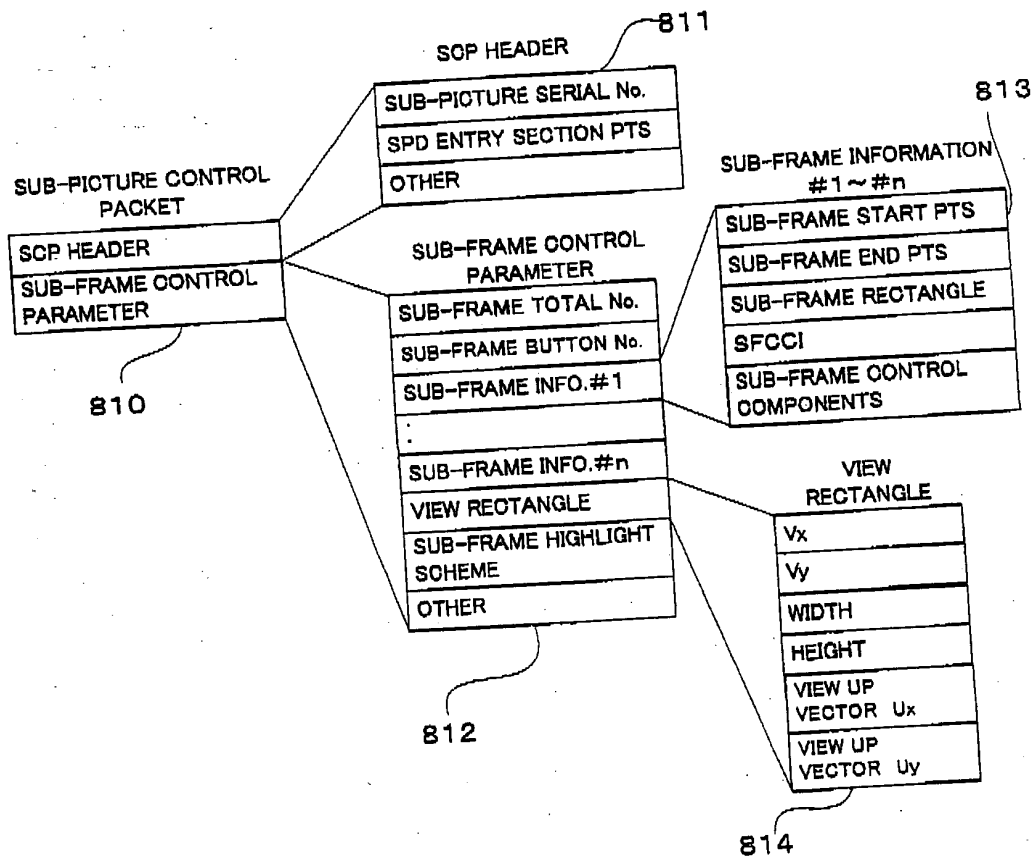


FIG. 22

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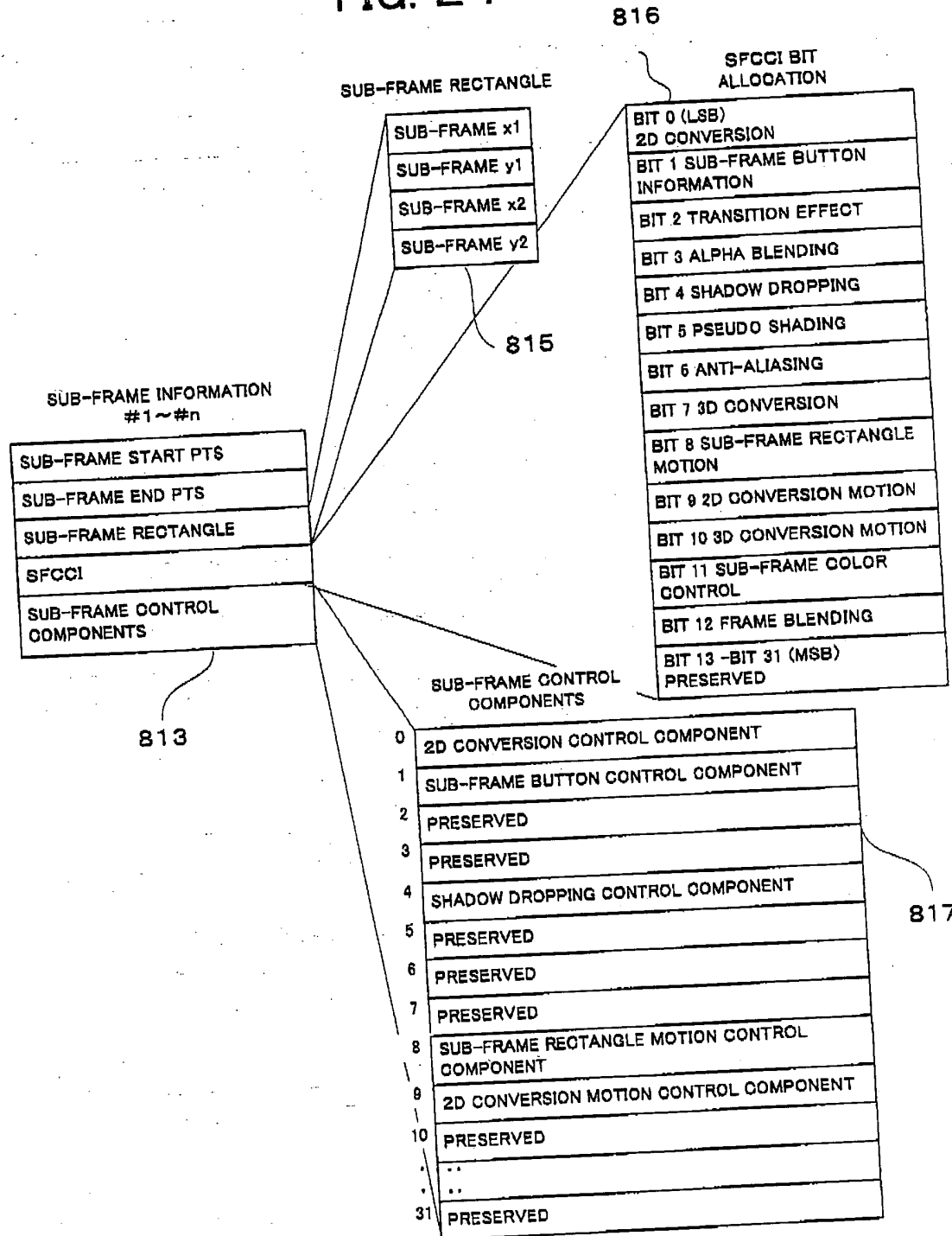
FIG. 23



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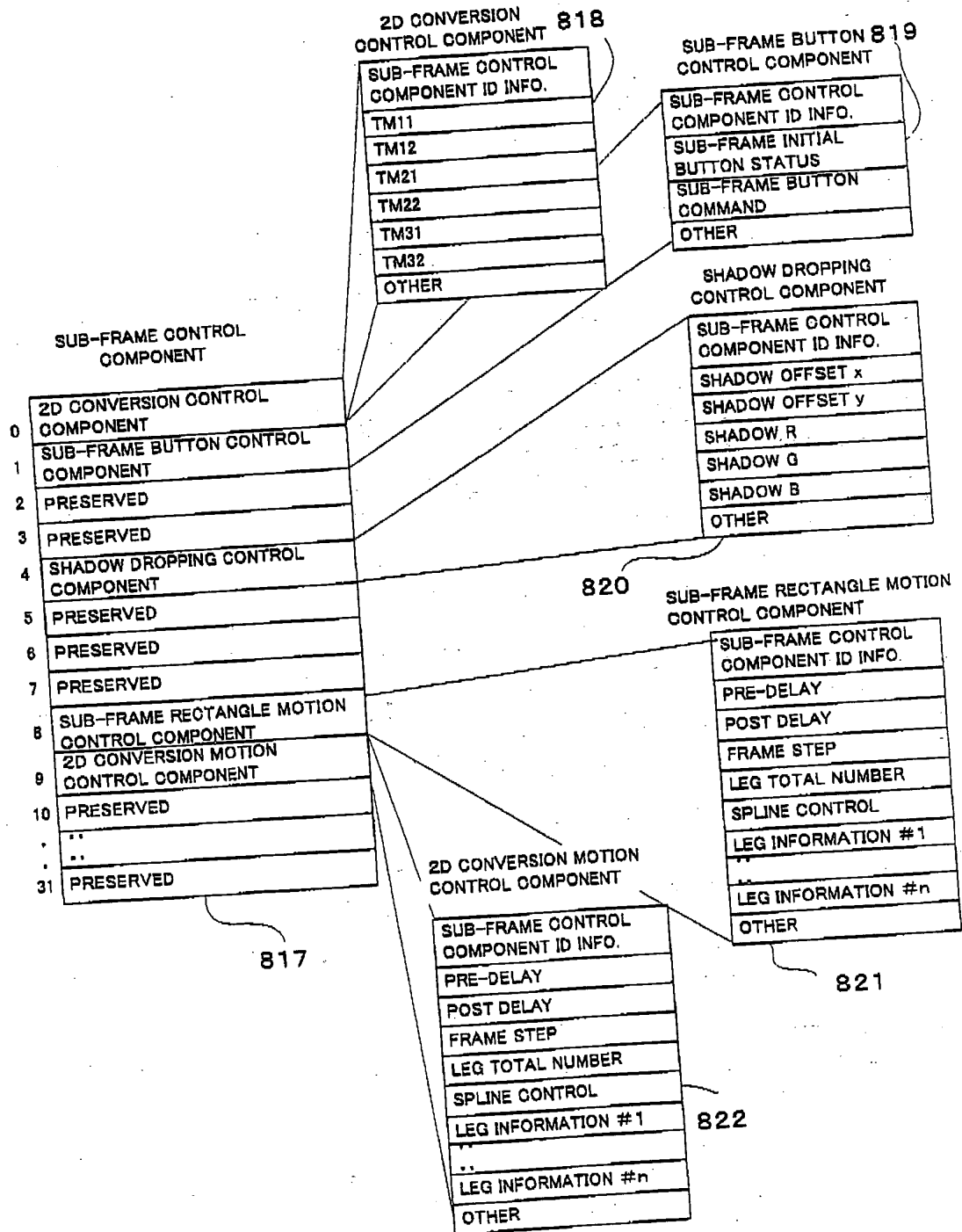
FIG. 24



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FIG. 25



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FIG. 26

SUB-FRAME RECTANGLE MOTION
CONTROL COMPONENT

SUB-FRAME CONTROL
COMPONENT ID INFO.
LEG TOTAL NUMBER
SPLINE CONTROL
LEG INFORMATION #1
..
LEG INFORMATION #n
OTHER

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LEG INFORMATION #1~#n

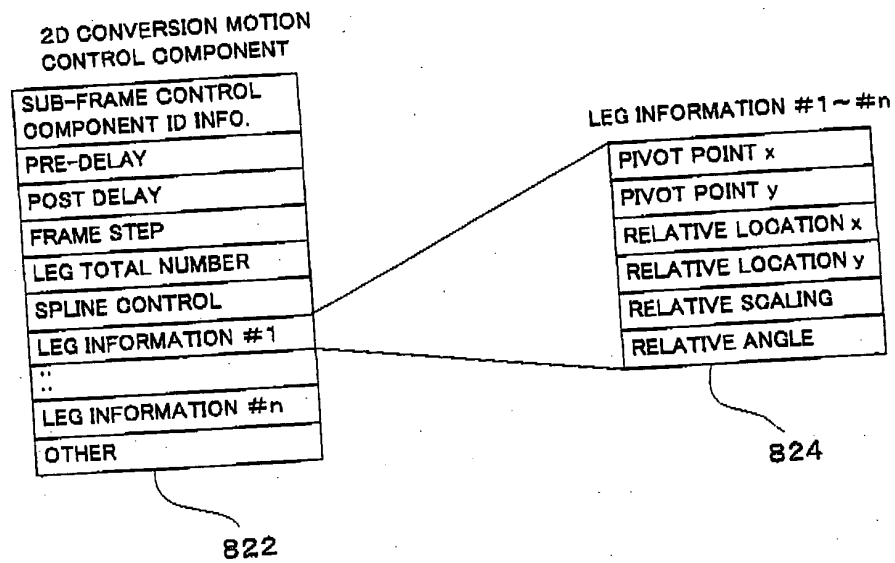
RELATIVE LOCATION x
RELATIVE LOCATION y
RELATIVE SCALING

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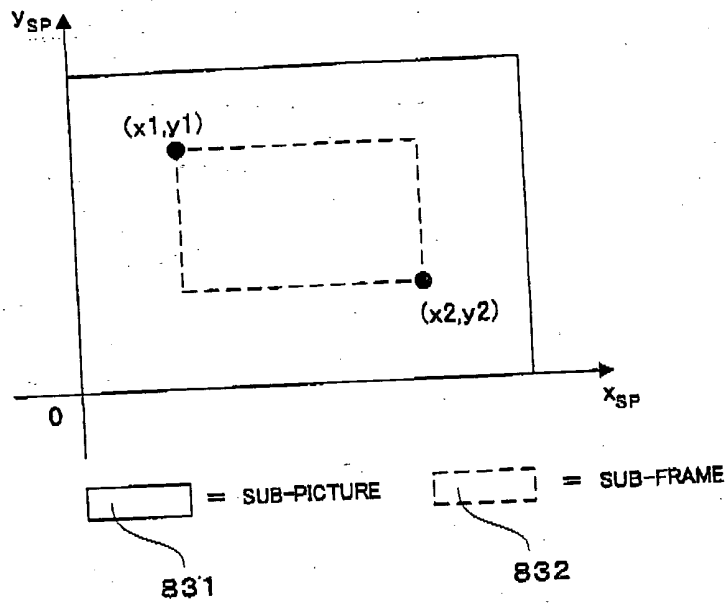
FIG. 27



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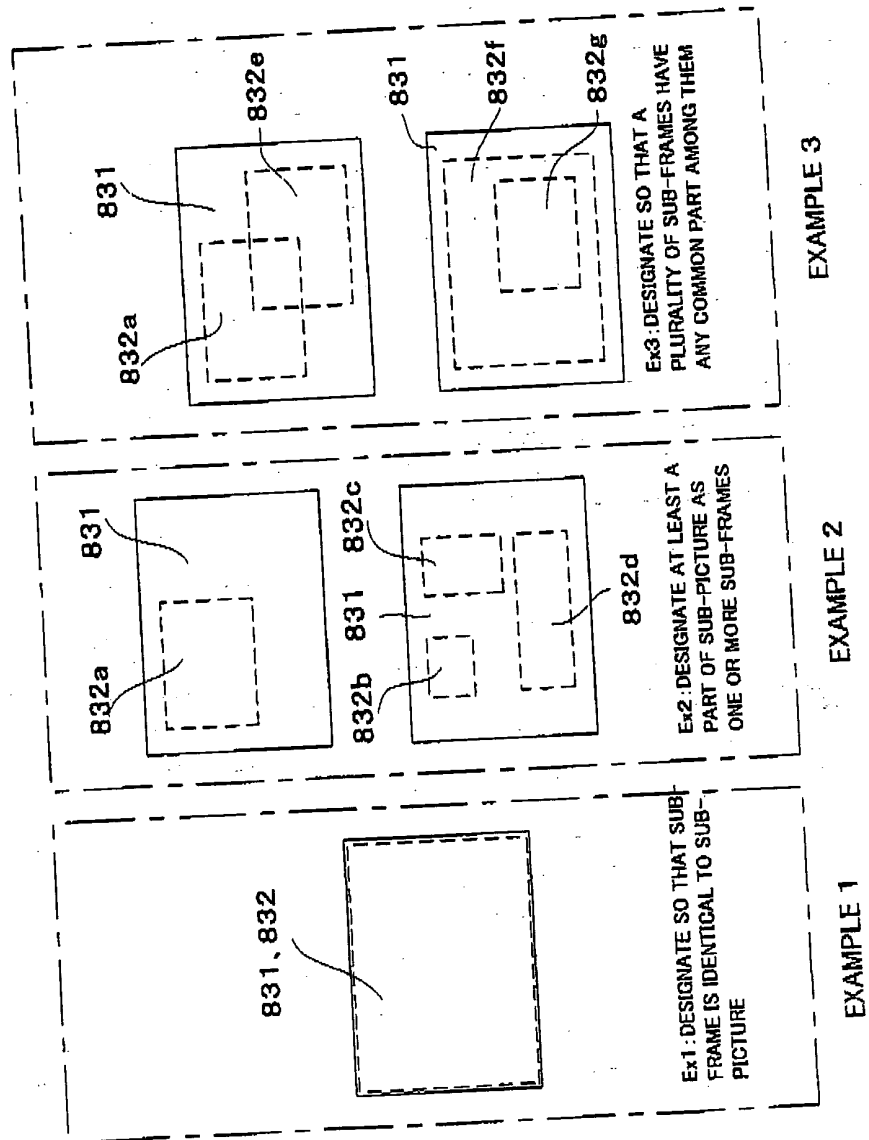
FIG. 28



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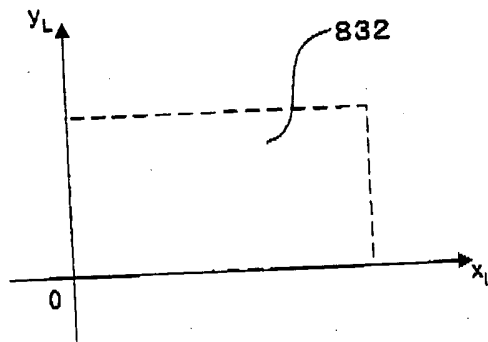
FIG. 29



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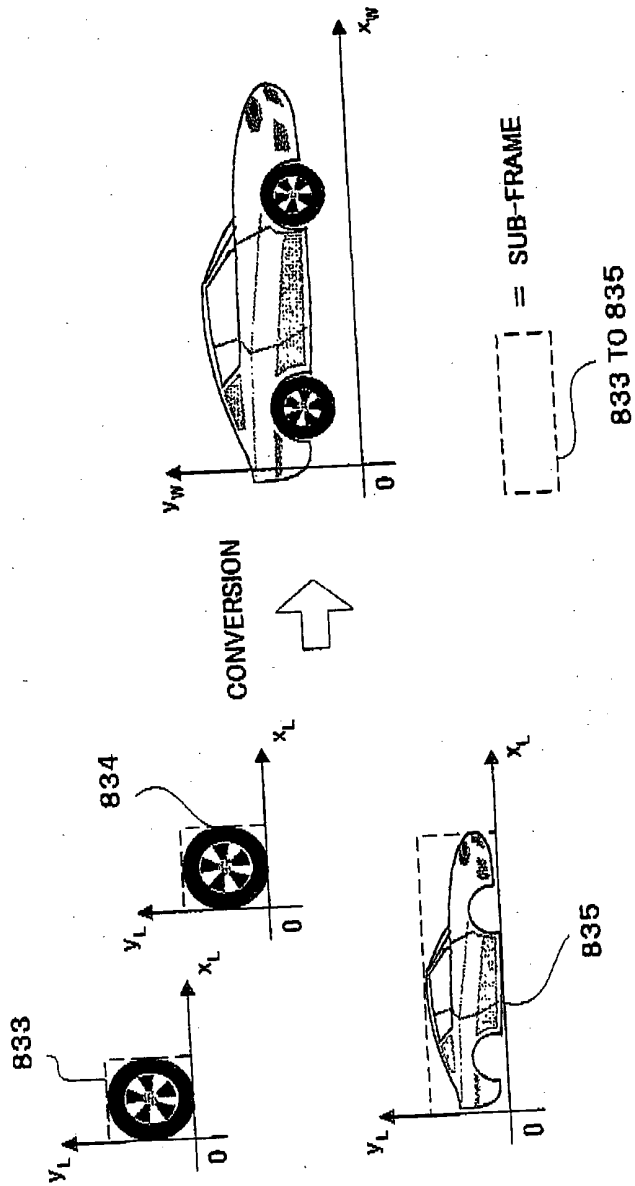
FIG. 30



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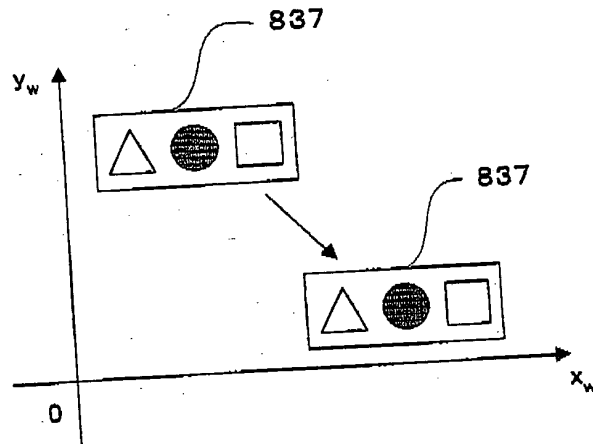
FIG. 31
 SUB-FRAME COORDINATE
 SYSTEM
 MAIN VIDEO COORDINATE
 SYSTEM



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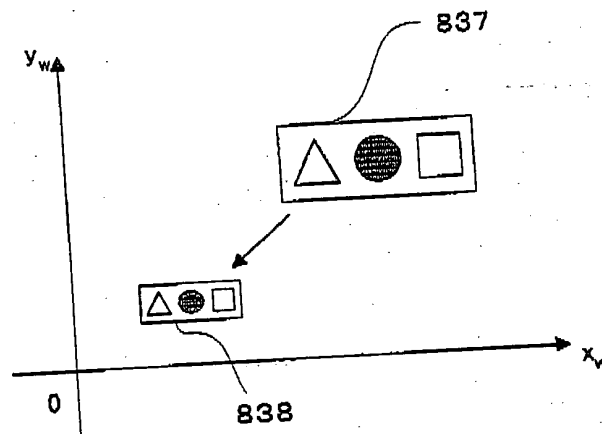
FIG. 32



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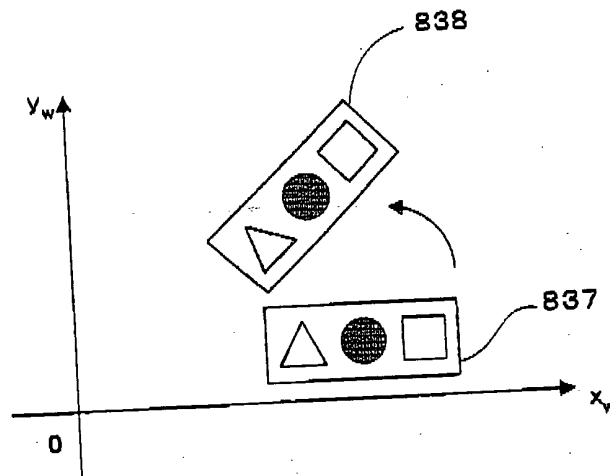
FIG. 33



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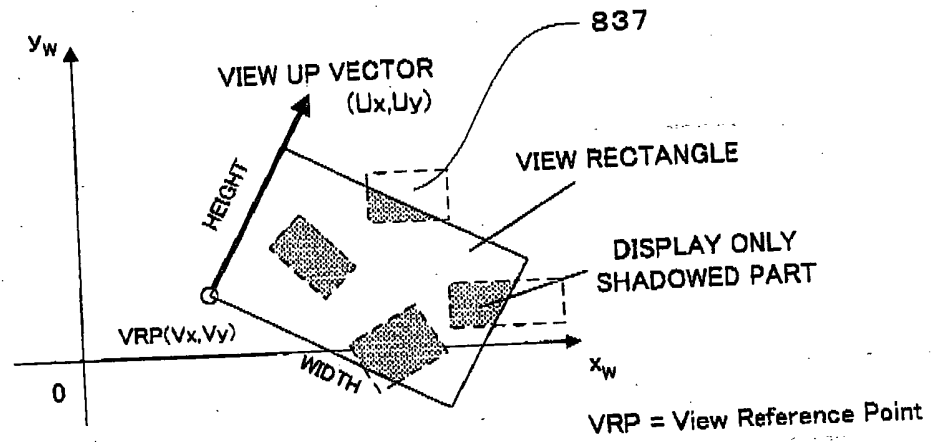
FIG. 34



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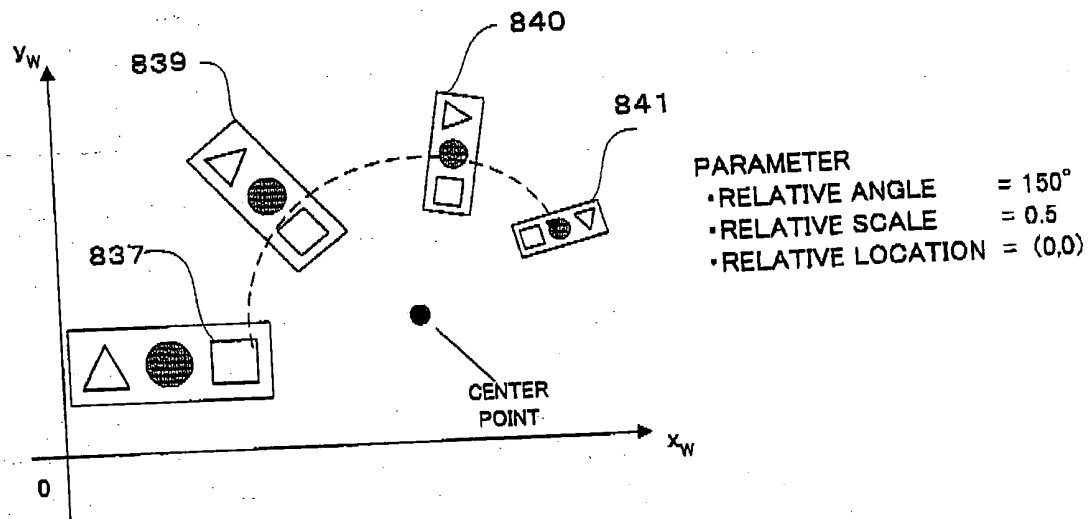
FIG. 35



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FIG. 36

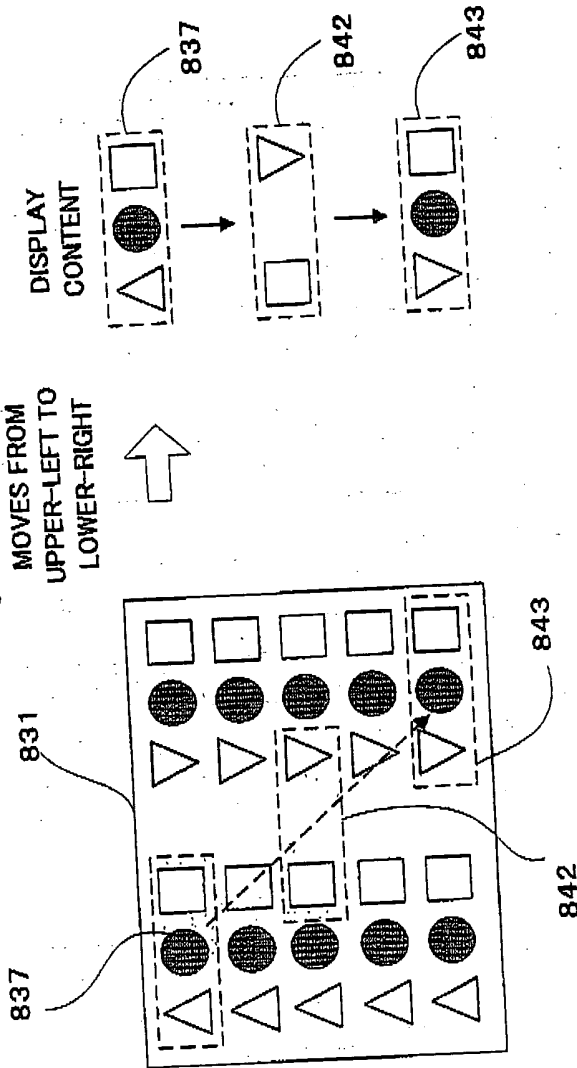


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FIG. 37

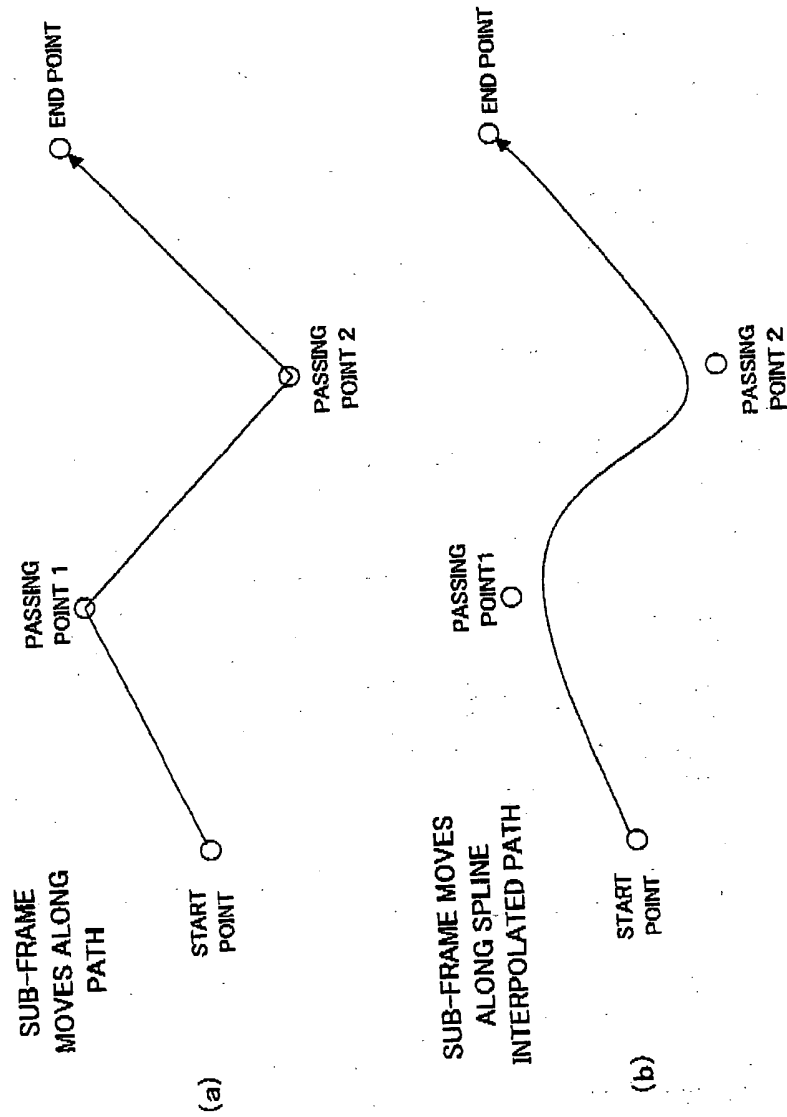
SUB-FRAME RANGE
 MOVES FROM
 UPPER-LEFT TO
 LOWER-RIGHT



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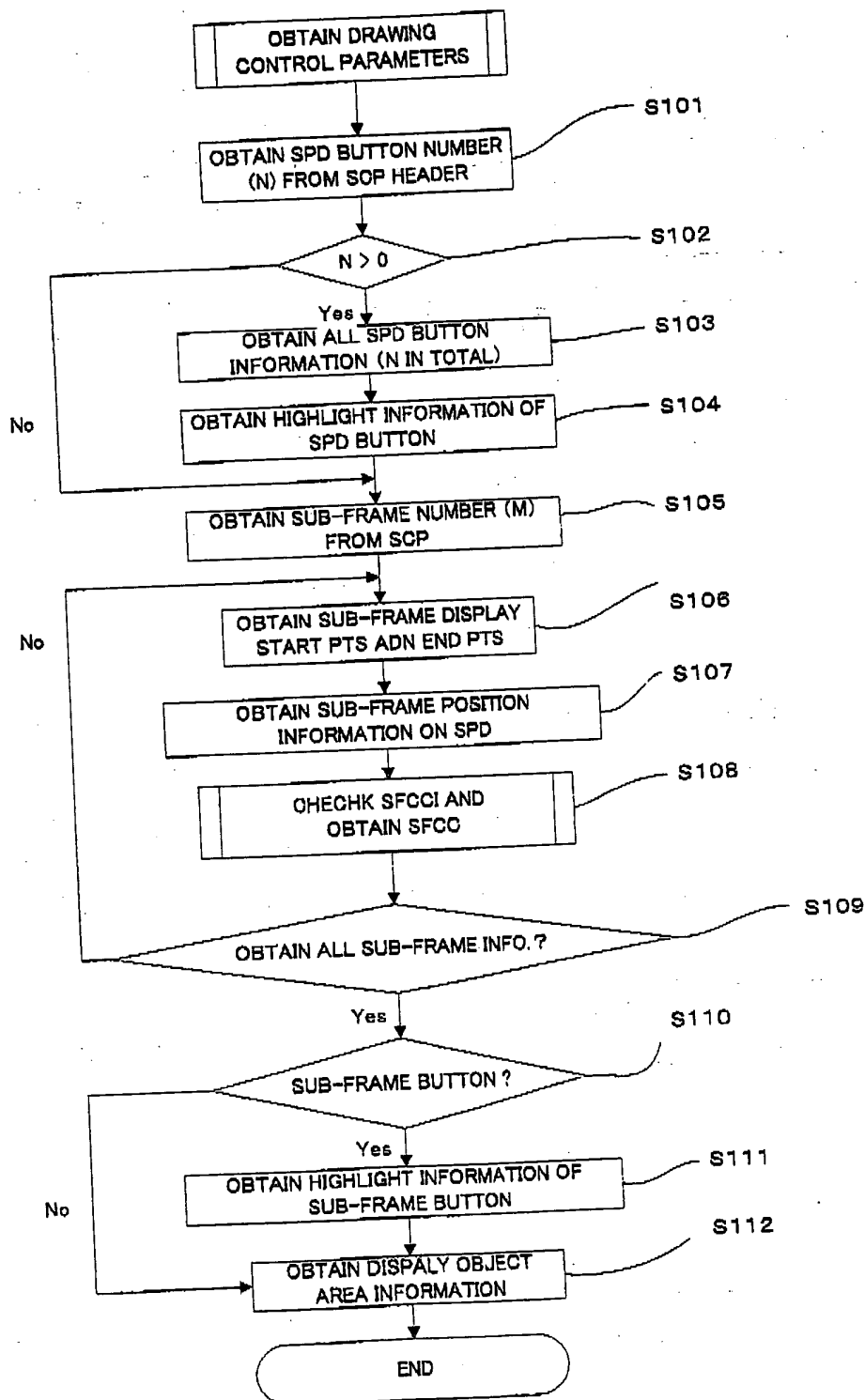
FIG. 38



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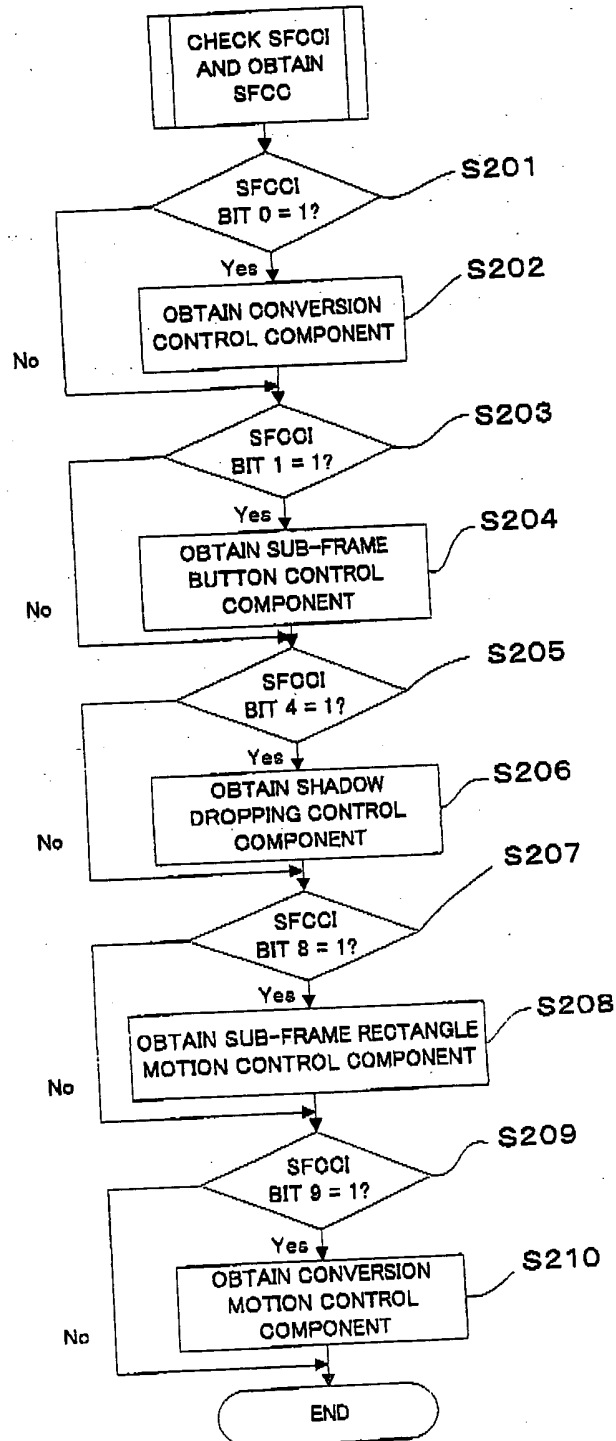
FIG. 39



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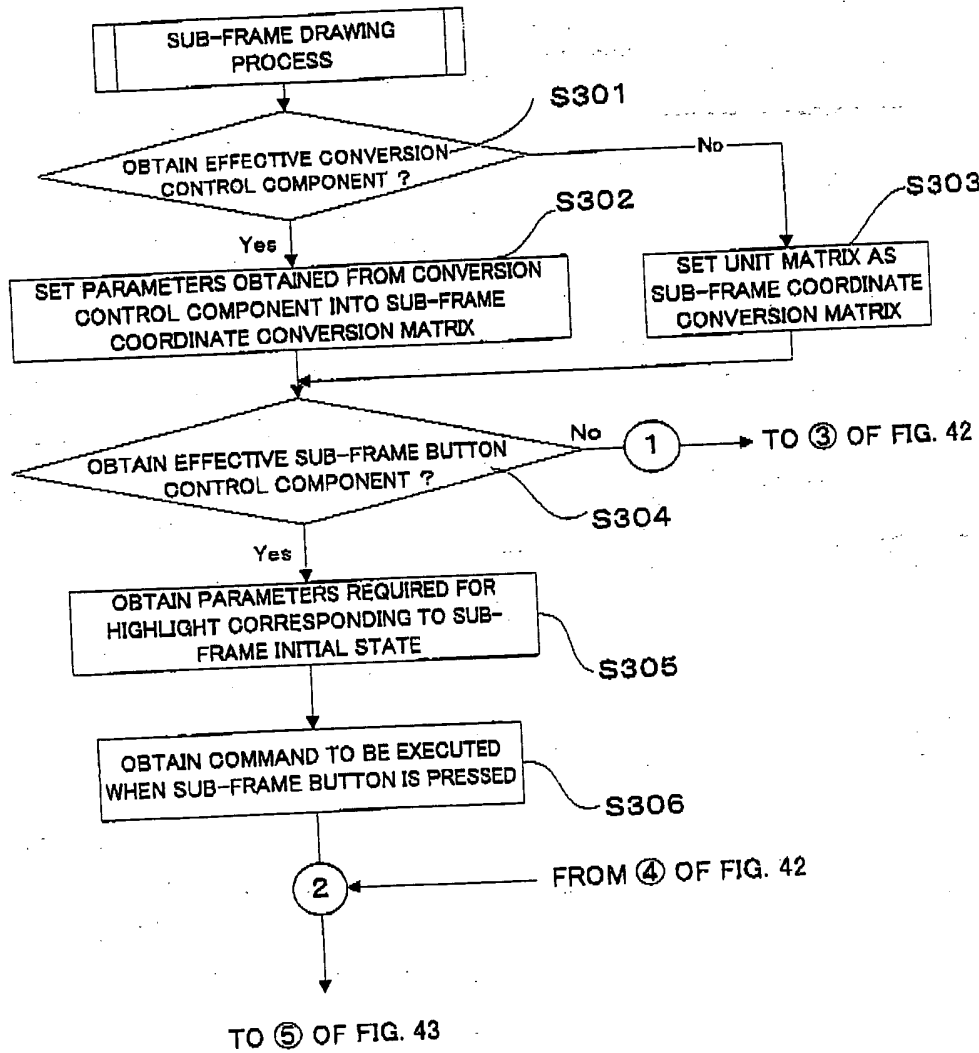
FIG. 40



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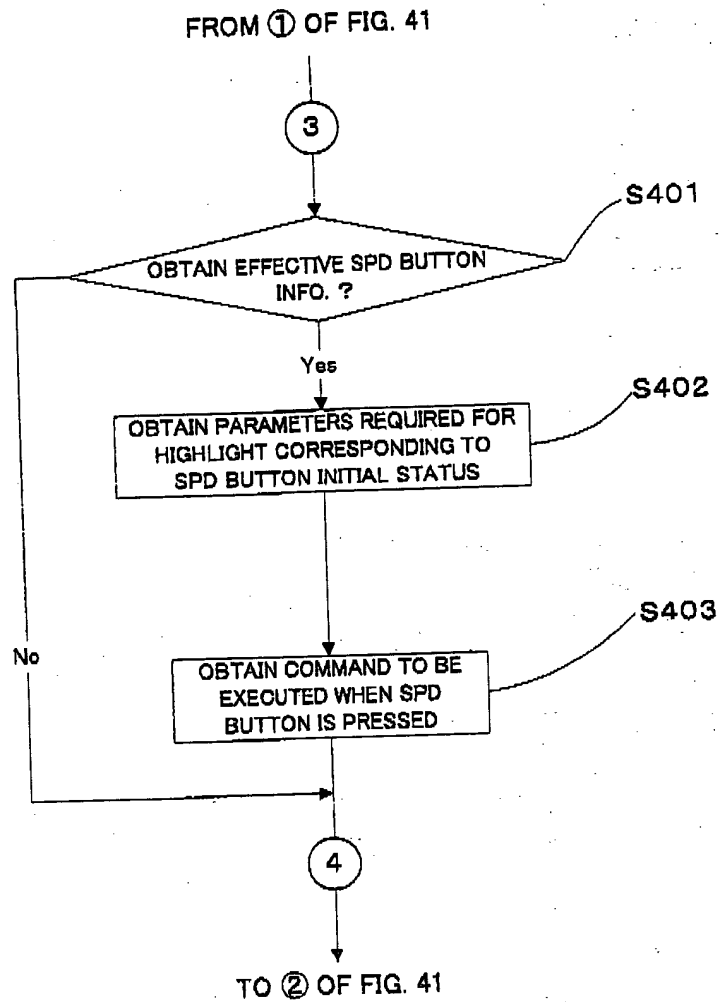
FIG. 41



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FIG. 42

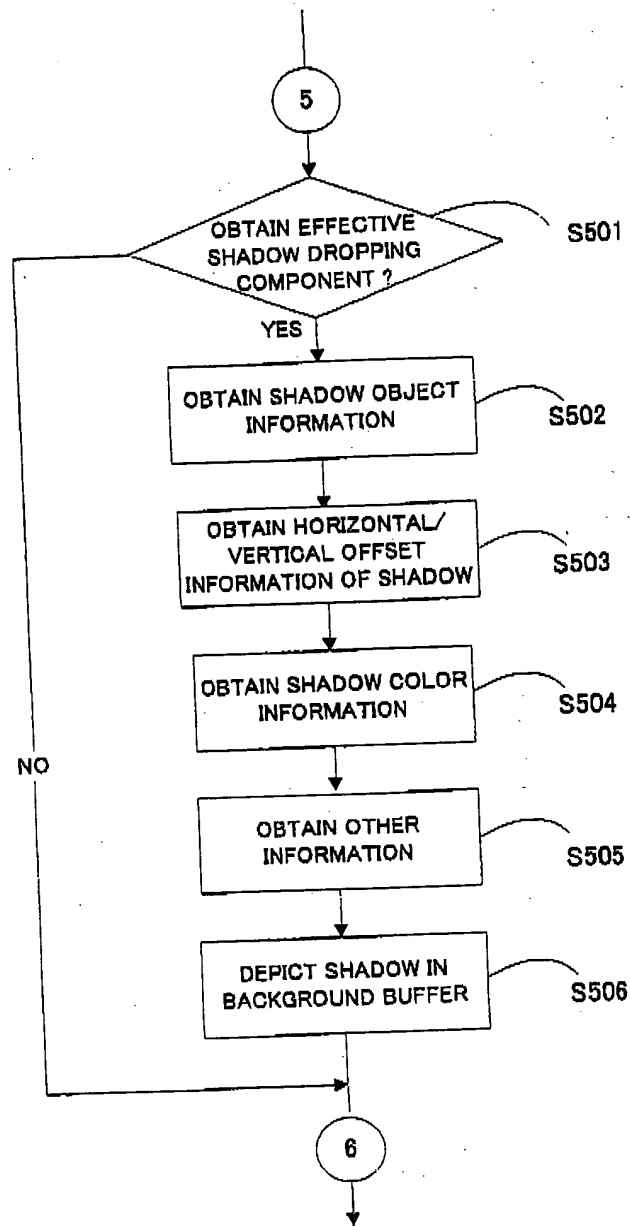


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FIG. 43

FROM ② OF FIG. 41



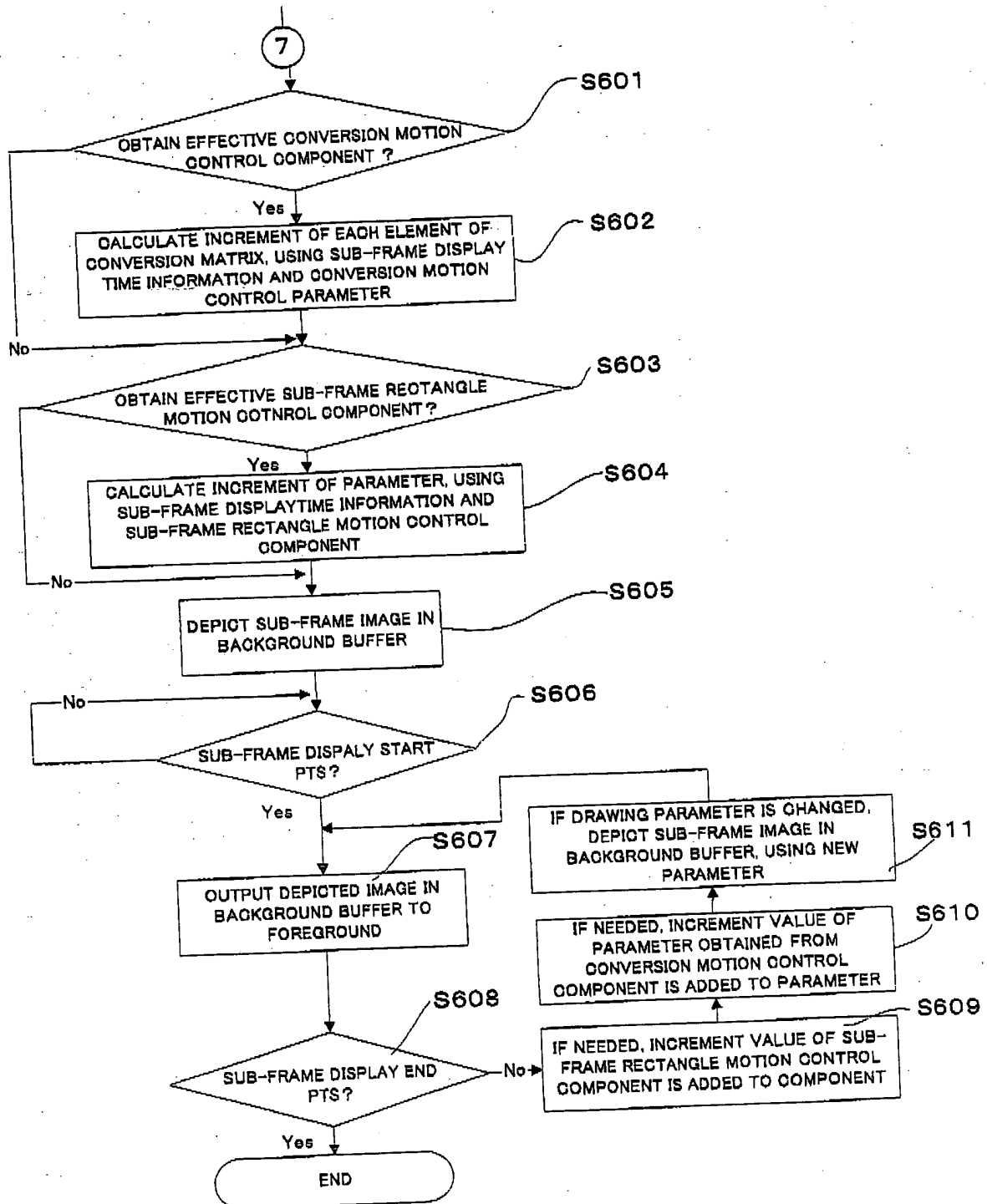
TO ⑦ OF FIG. 44

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FIG. 44

FROM ⑥ OF FIG. 43



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FIG. 45

SHADOW DROPPING RELATIVE
TO ENTIRELY OPAQUE SUB-
FRAME

Shadow

Shadow

SHADOW DROPPING RELATIVE
TO SUB-FRAME HAVING
OPAQUE CHARACTERS IN
TRANSPARENT BACKGROUND

Shadow

Shadow

SHADOW WITHOUT
BLURRING

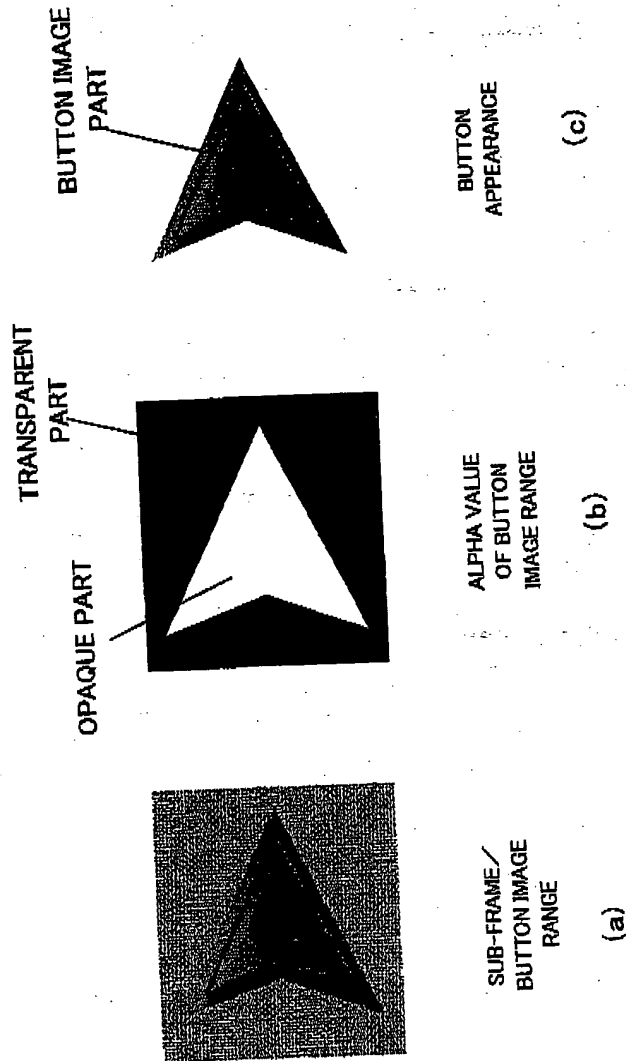
SHADOW WITH BLURRING

BEST AVAILABLE COPY

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FIG. 46

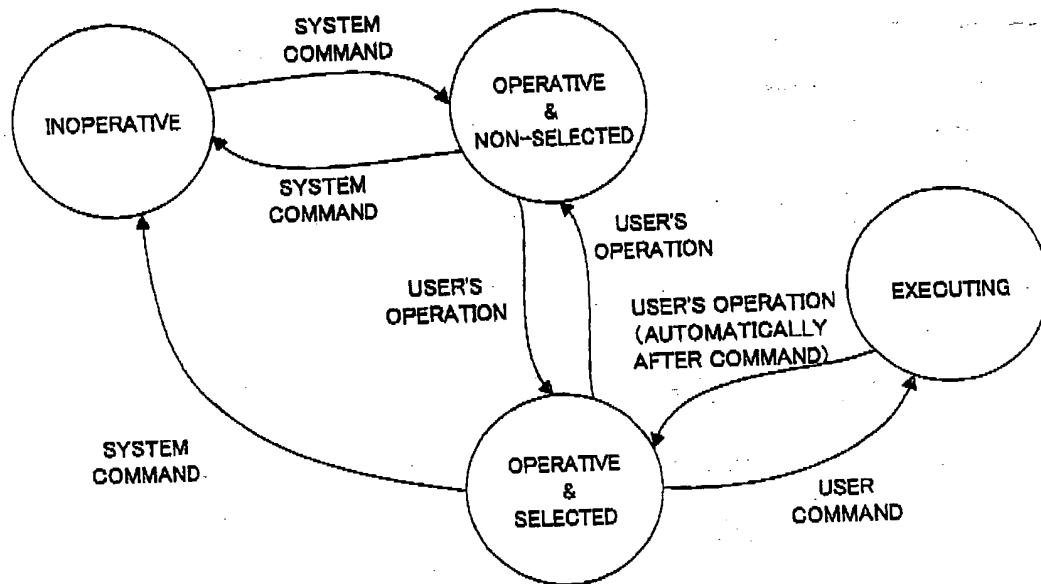


BEST AVAILABLE COPY

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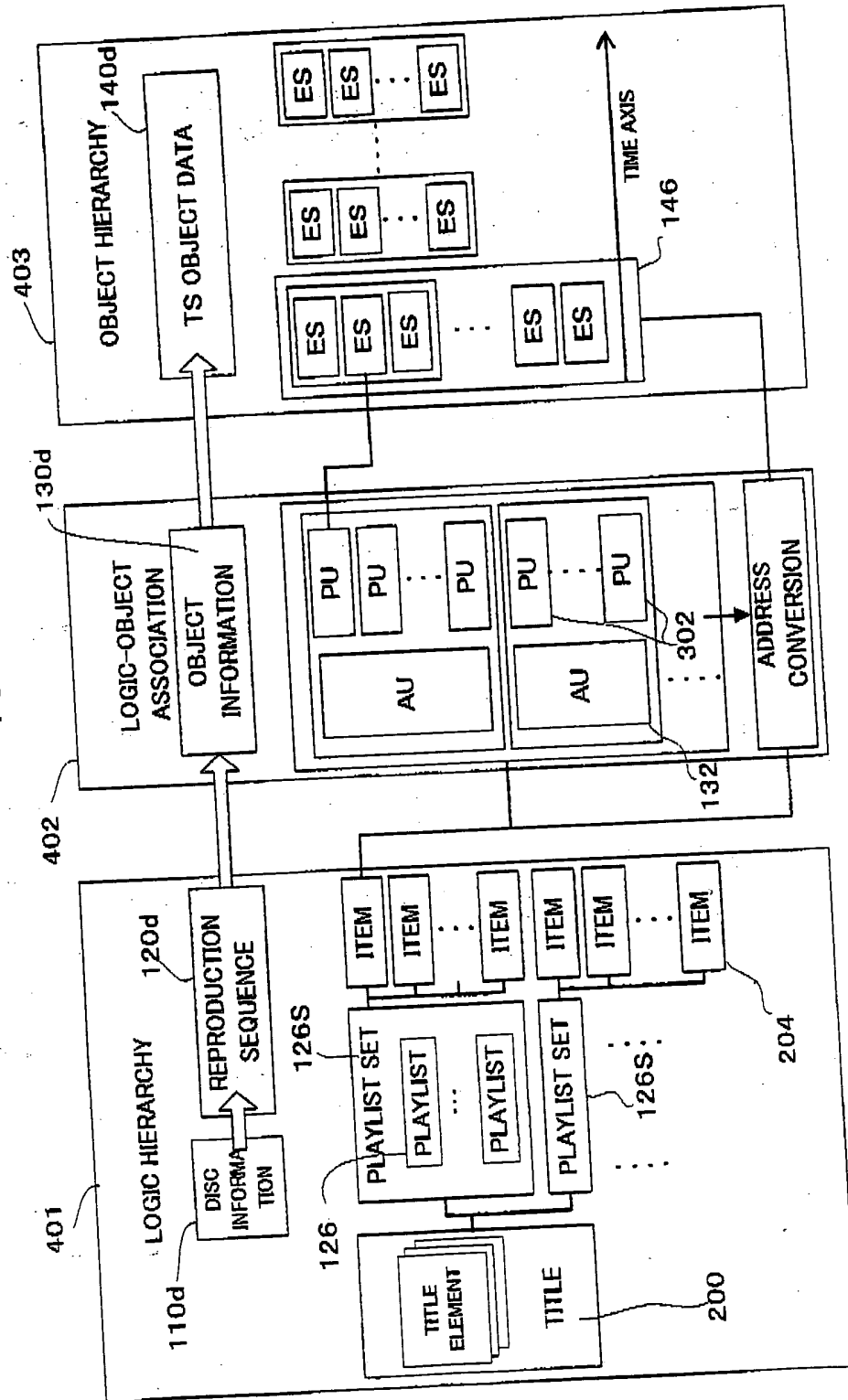
FIG. 47



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FIG. 48



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FIG. 49

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AU Table				Contents
Field Name				
AU Table General Information				the Number of AUs. Pointer to Each AU, etc.
AU Table	1321	PU#1	ES Table Index#1	Index Number of ES_map table=1
			ES Table Index#2	3
		PU#2	ES Table Index#1	4
			ES Table Index#2	5
	3021	PU#1	ES Table Index#1	9
			ES Table Index#2	10
		PU#2	ES Table Index#1	12
			ES Table Index#2	13
	3021	PU#1	ES Table Index#1	14
			ES Table Index#2	15
ES Table Index#3			16	
ES Table Index#4			17	
				18
Other Info.				Position of ES Map table, etc.

ES Map Table		Contents
Field Name		
ES_Map Table General Information		Index Number, etc.
Index #1		ES_PID Value=101
		Address Information
Index #2		ES_PID=102
		Address Information
Index #3		ES_PID=103
		Address Information
Index #4		ES_PID=201
		Address Information
Index #5		ES_PID=202
		Address Information
Index #6		ES_PID=301
		Address Information
Index #7		ES_PID=302
		Address Information
Index #8		ES_PID=303
		Address Information
Index #9		ES_PID=201
		Address Information
Index #10		ES_PID=202
		Address Information
Index #11		ES_PID=203
		Address Information
Index #12		ES_PID=101
		Address Information
Index #13		ES_PID=102
		Address Information
Index #14		ES_PID=101
		Address Information
Index #15		ES_PID=102
		Address Information
Index #16		ES_PID=103
		Address Information
Index #17		ES_PID=104
		Address Information
Index #18		Index Number of ES_map table of SP Data Stream operated =16
		ES_PID=105
		Address Information
		Index Number of ES_map table of SP Data Stream operated =16
Other Info.		Other Info.